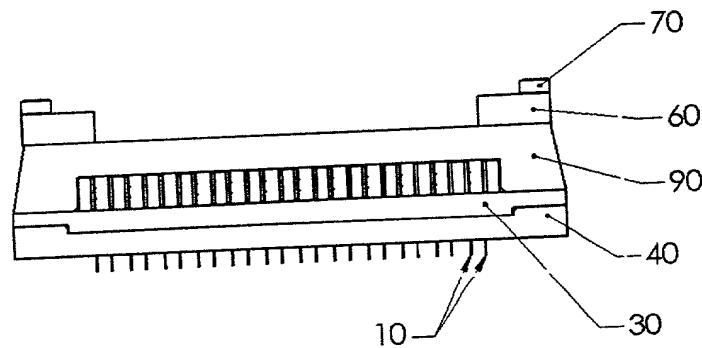
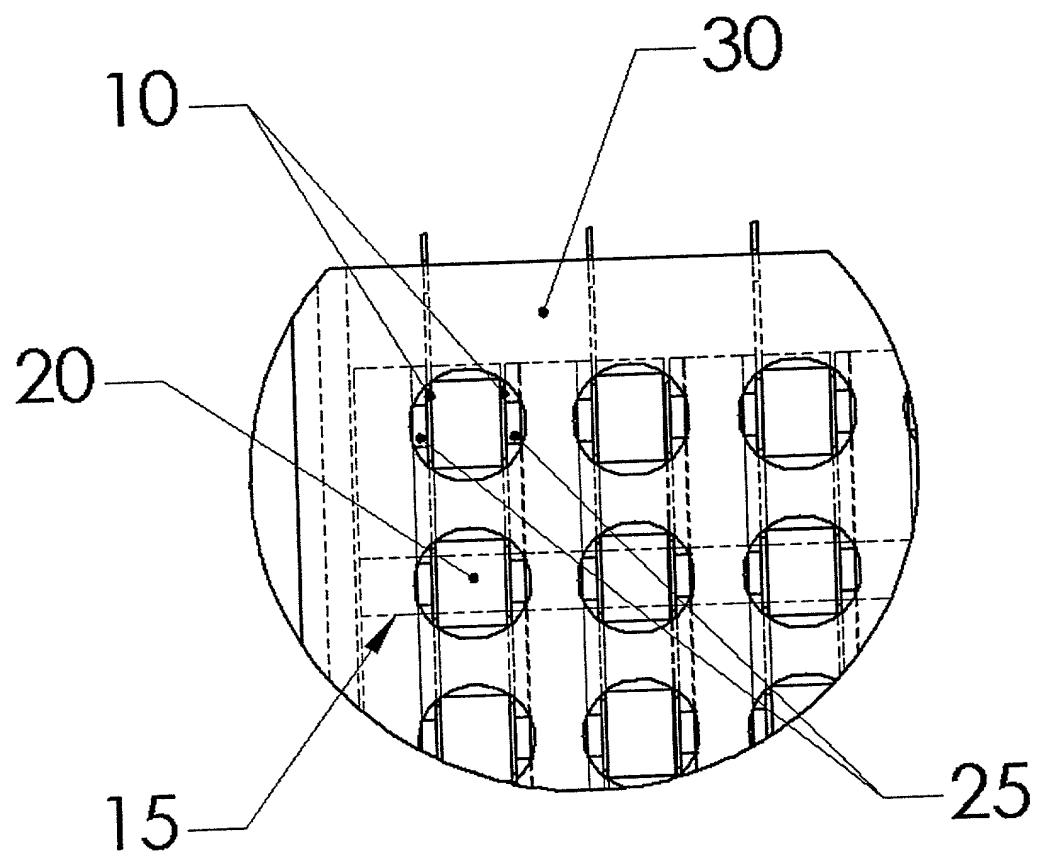


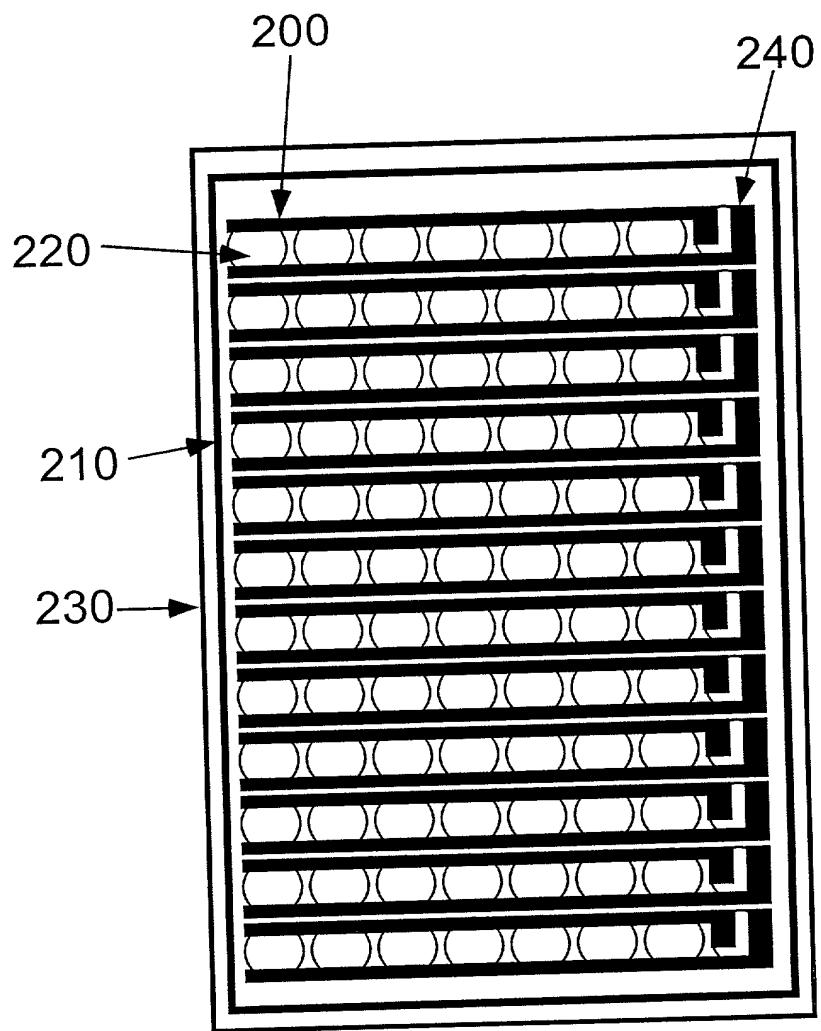
**FIG. 1A**



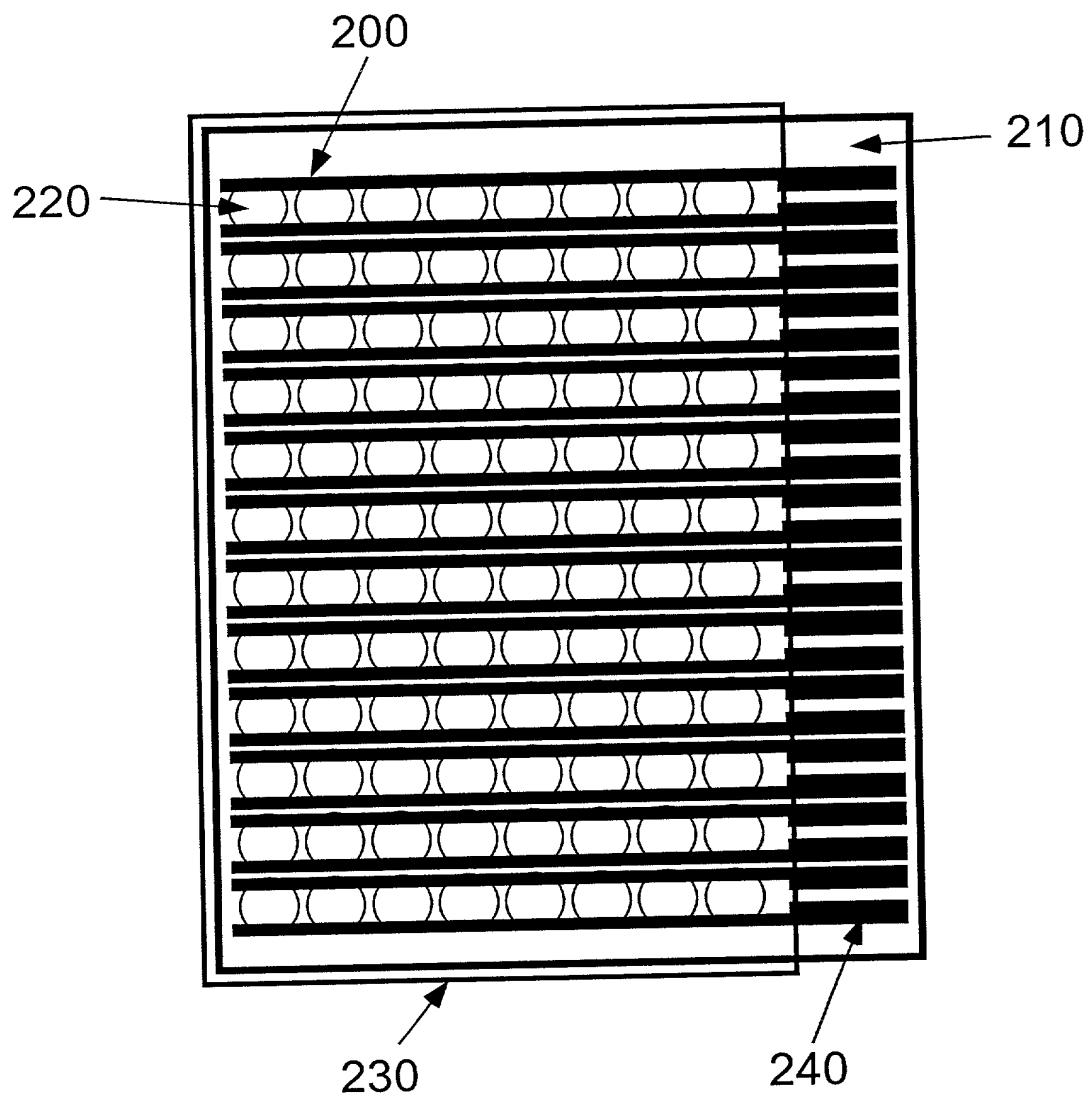
**FIG. 1B**



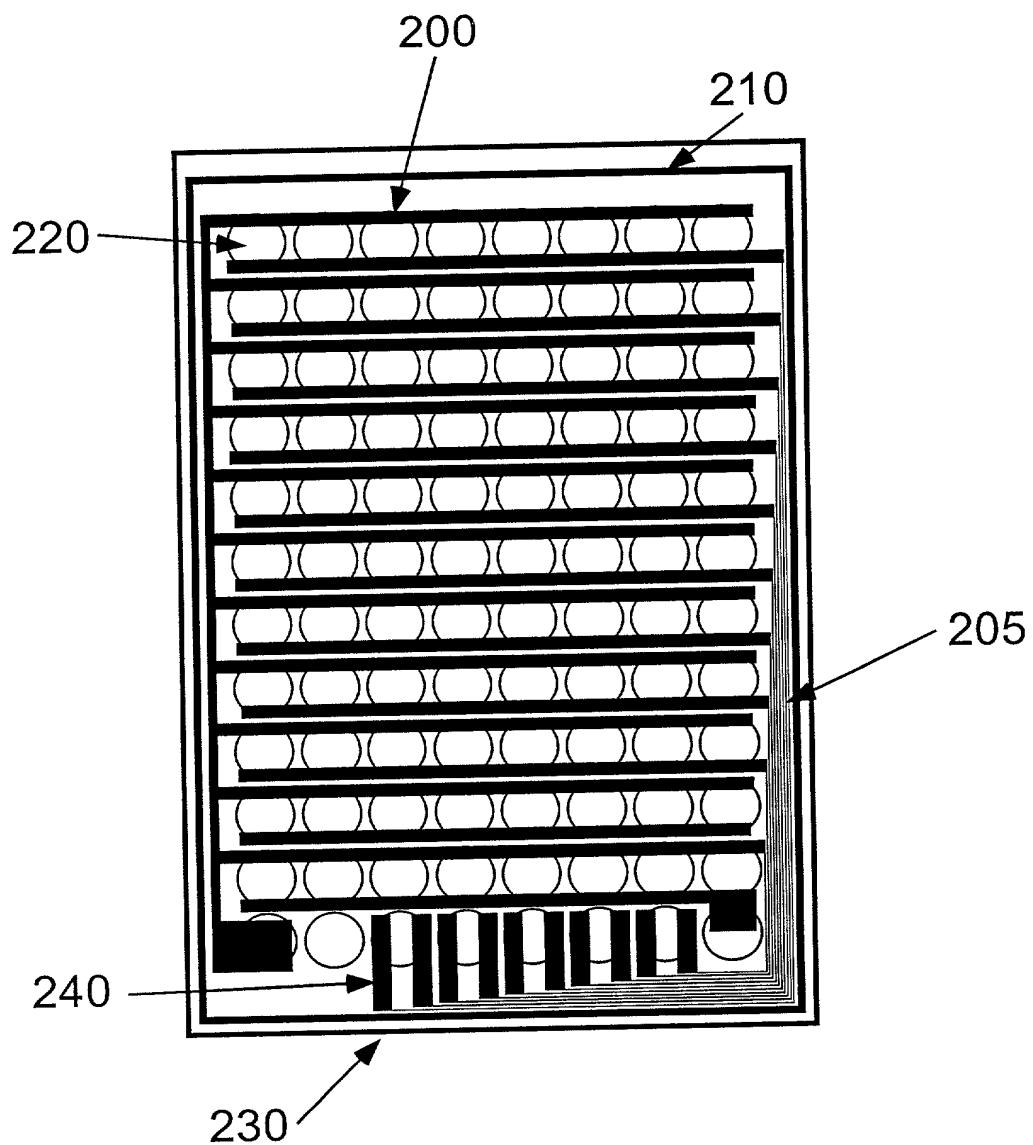
**FIG. 1C**



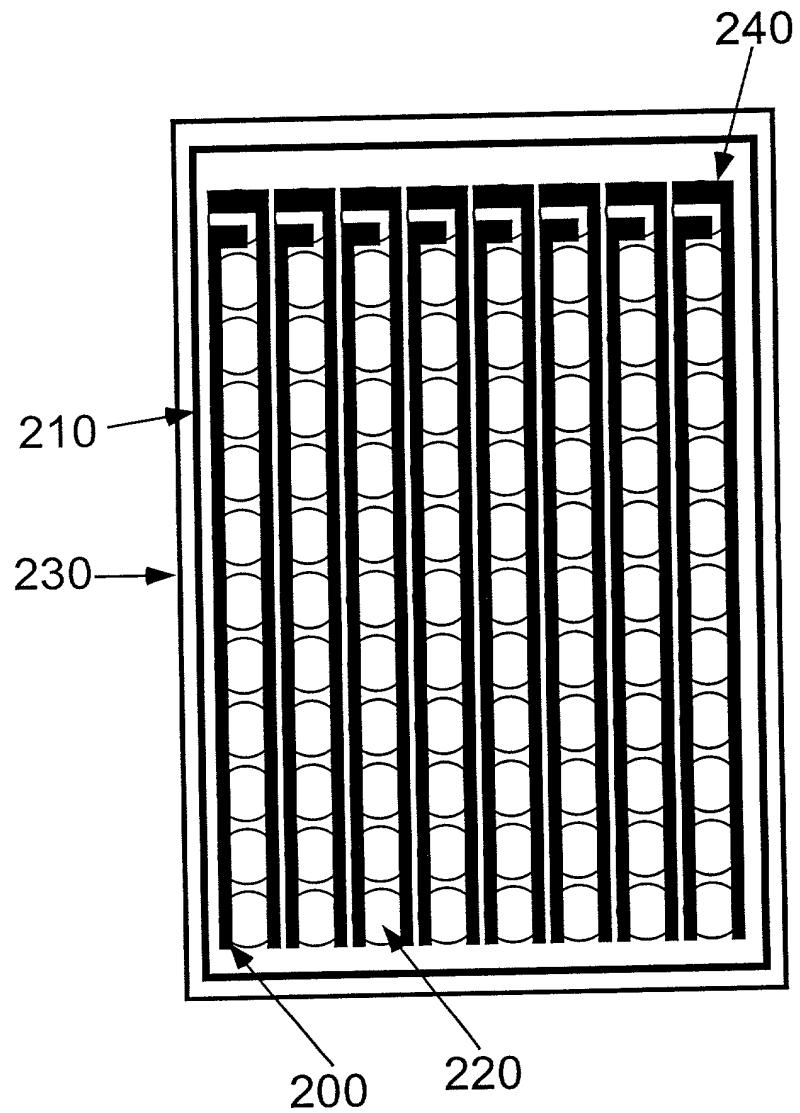
**FIG. 2A**



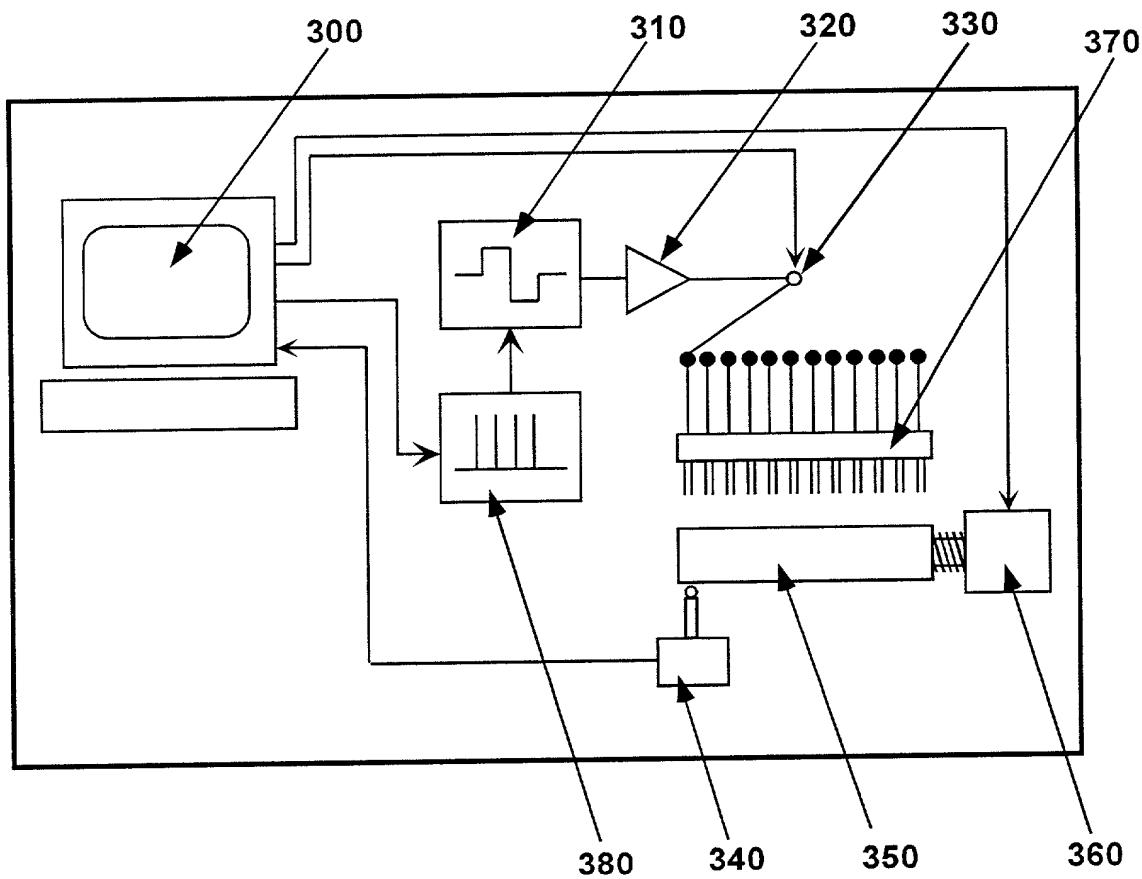
**FIG. 2B**



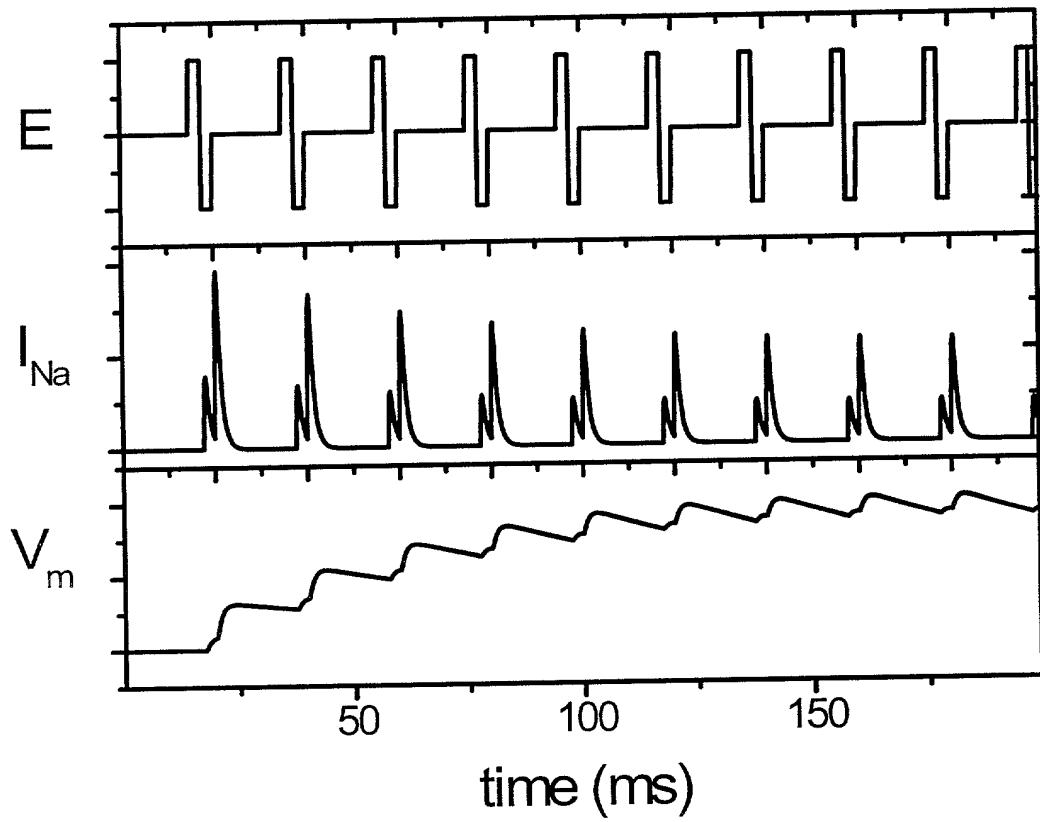
**FIG. 2C**



**FIG. 2D**



**FIG. 3**



**FIG. 4**

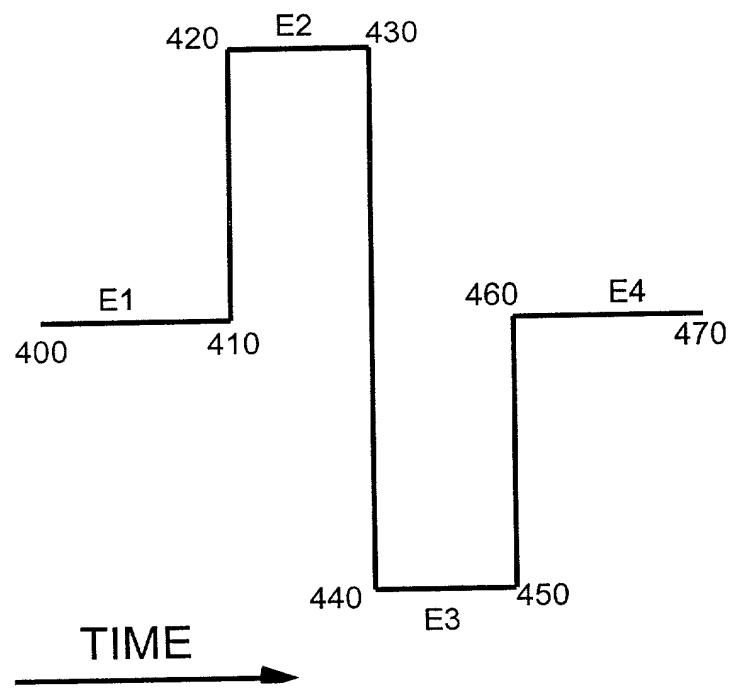


FIG. 5

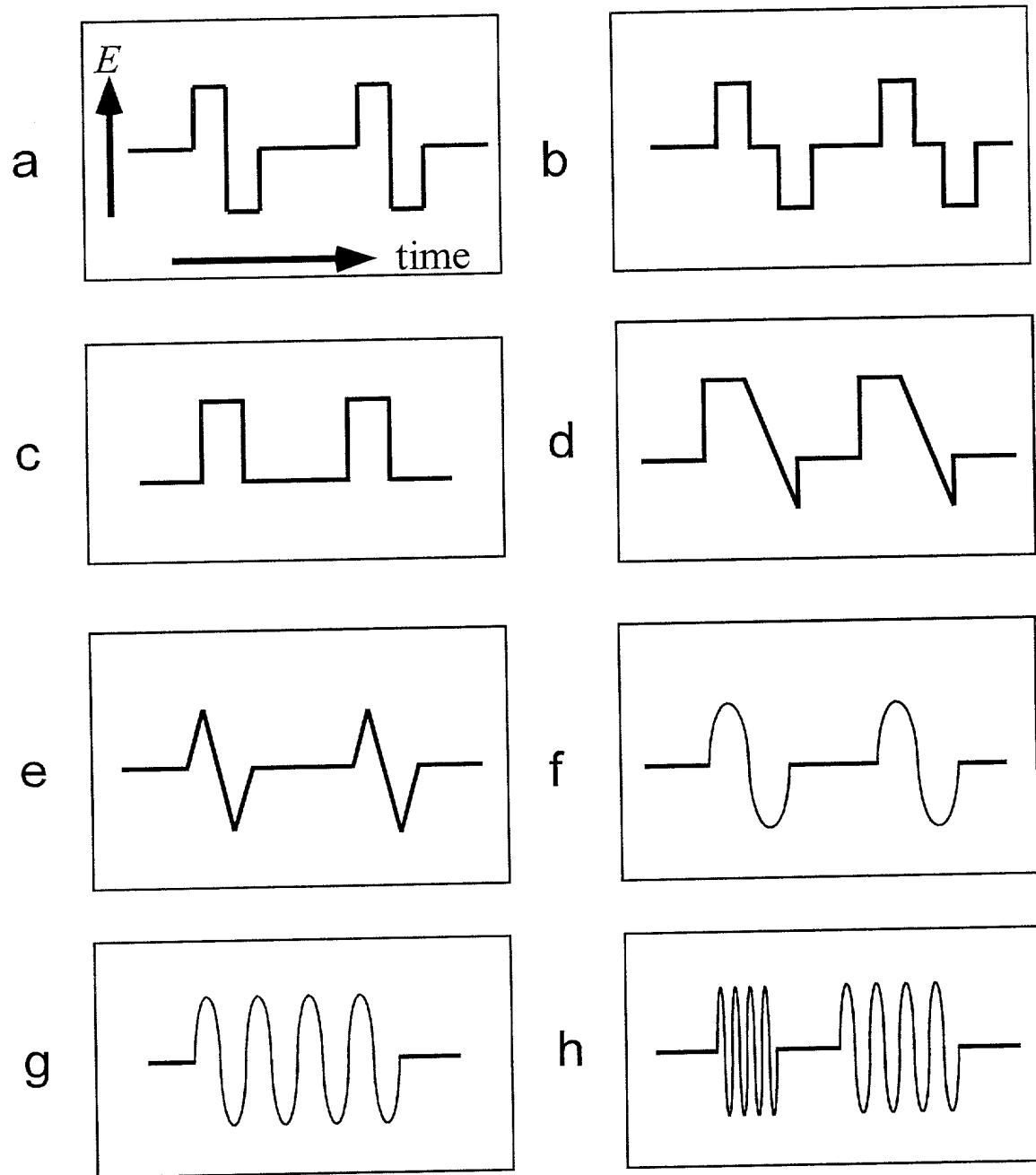


FIG. 6

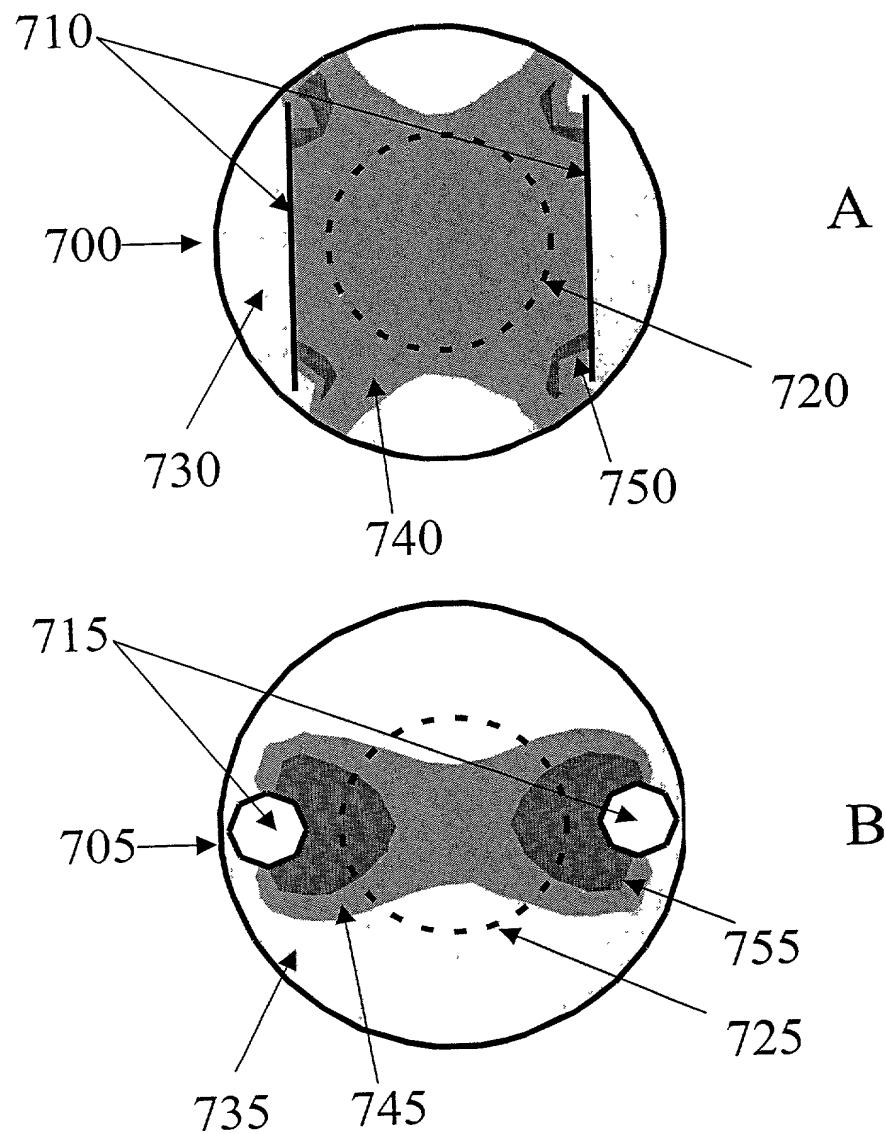
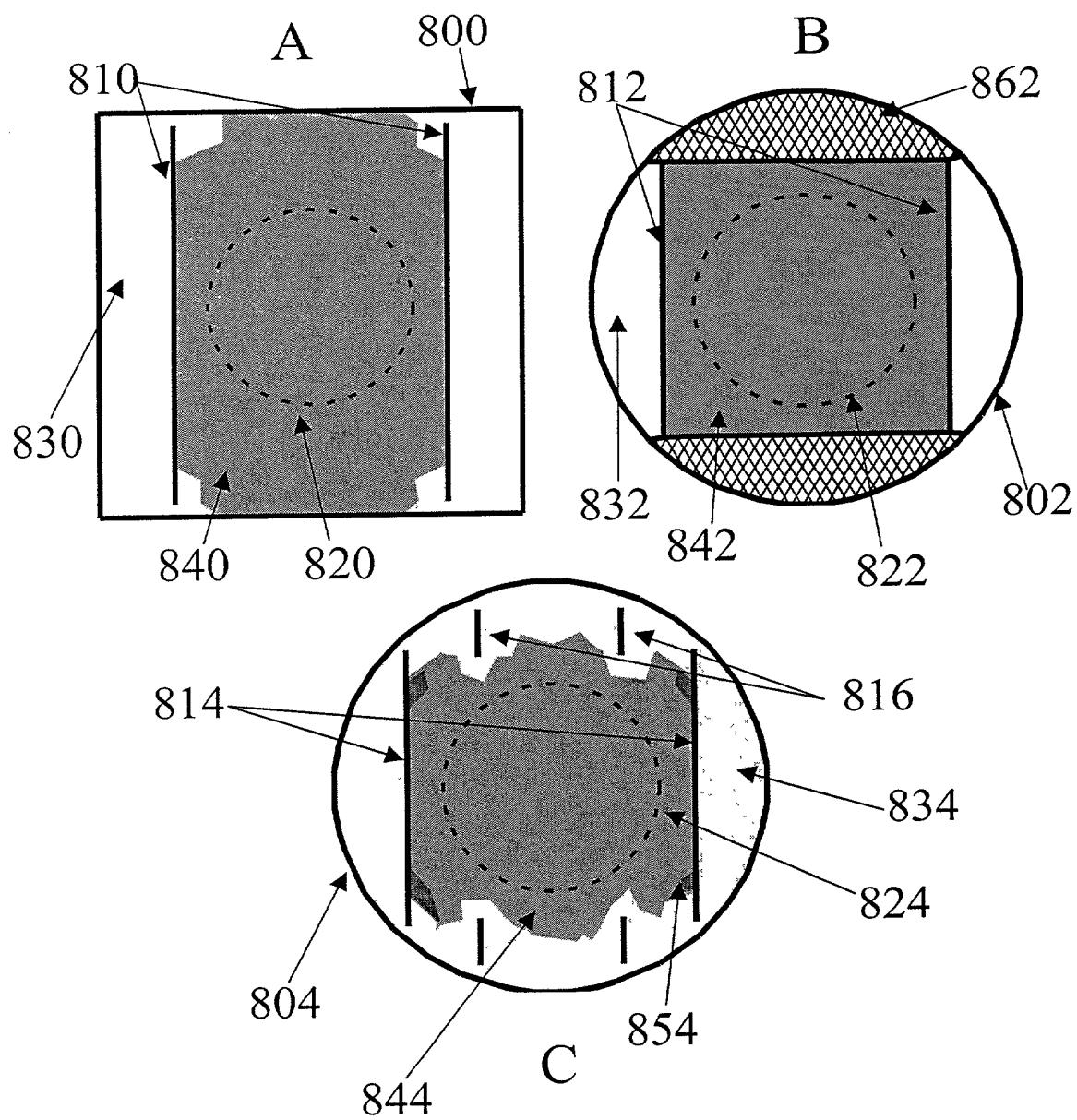
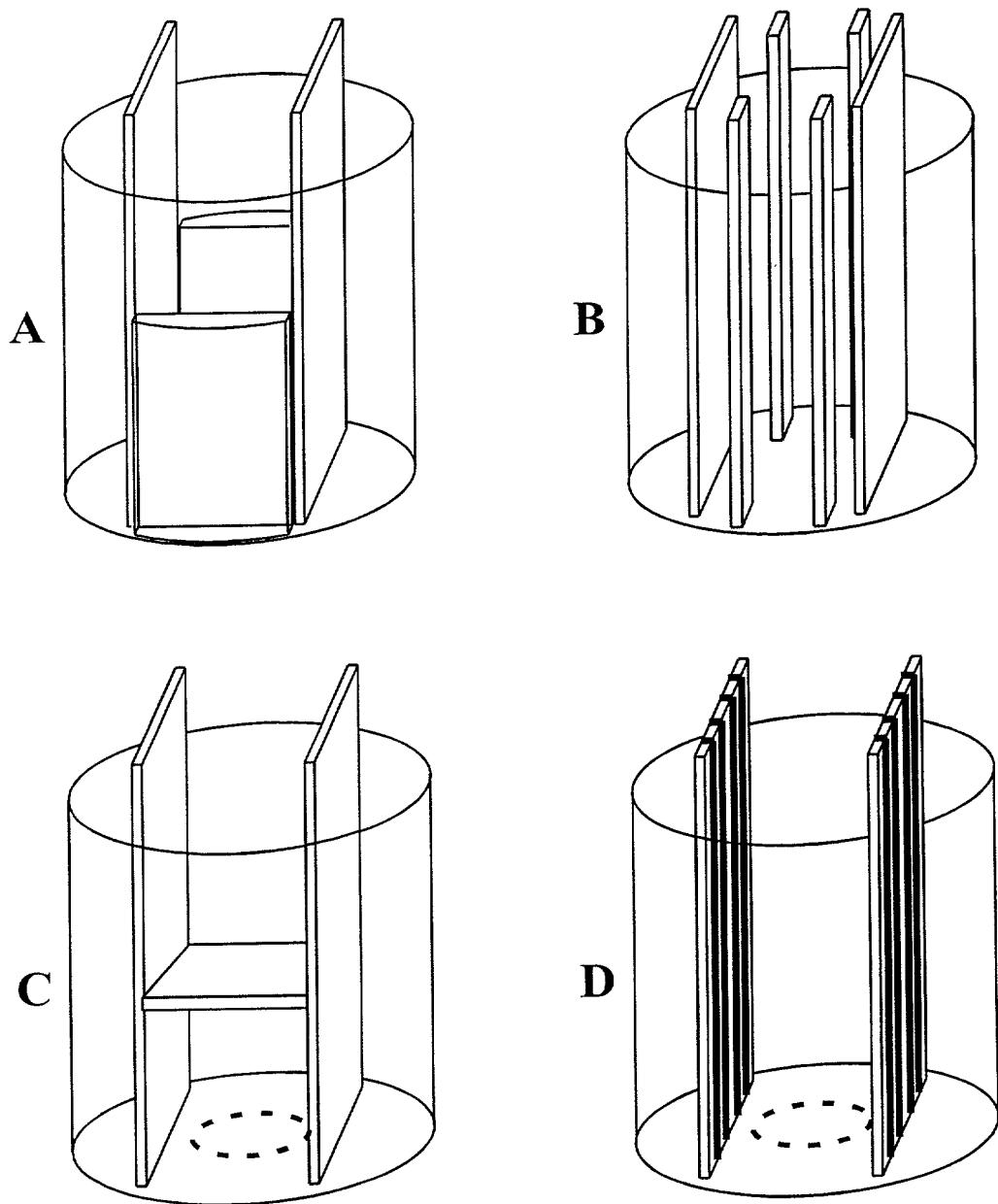


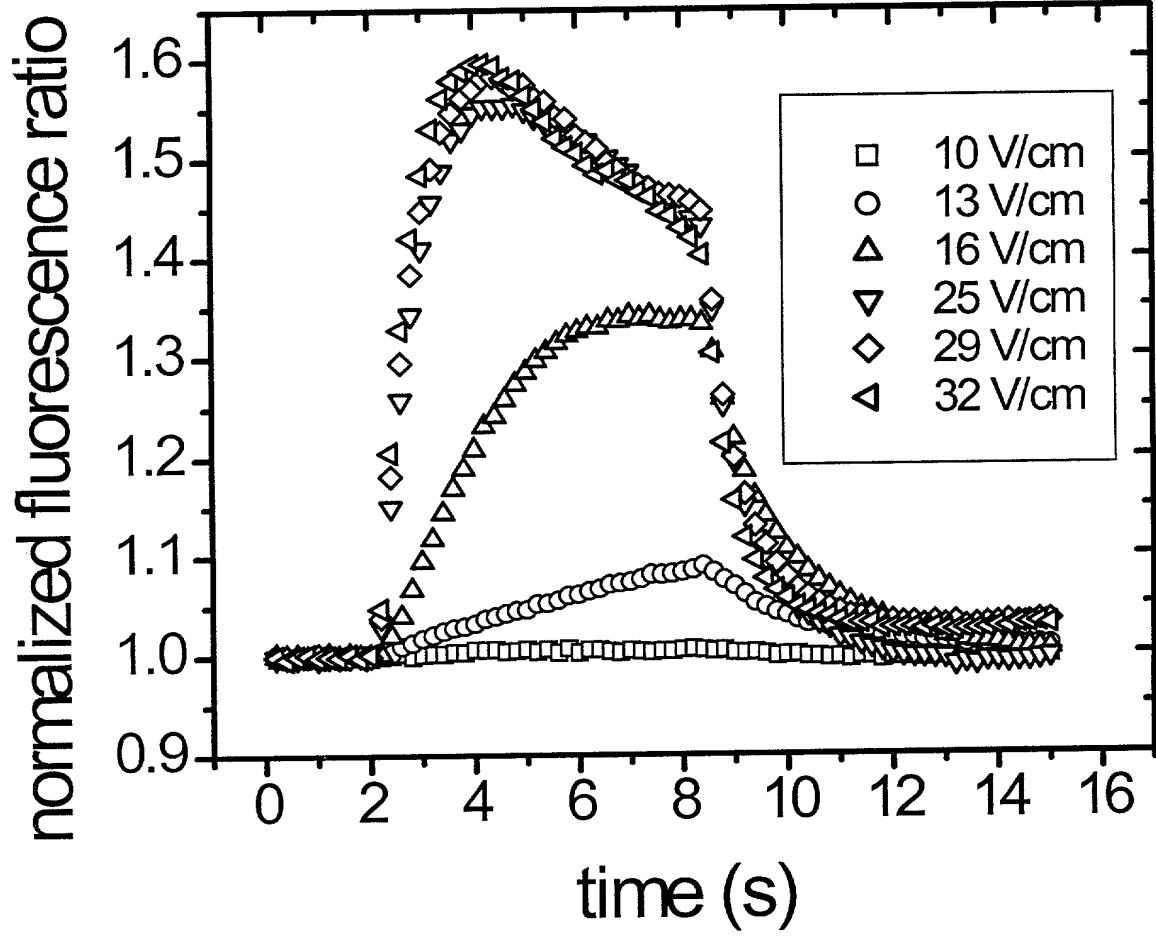
FIG. 7



**FIG. 8**



**FIG. 9**



**FIG. 10**

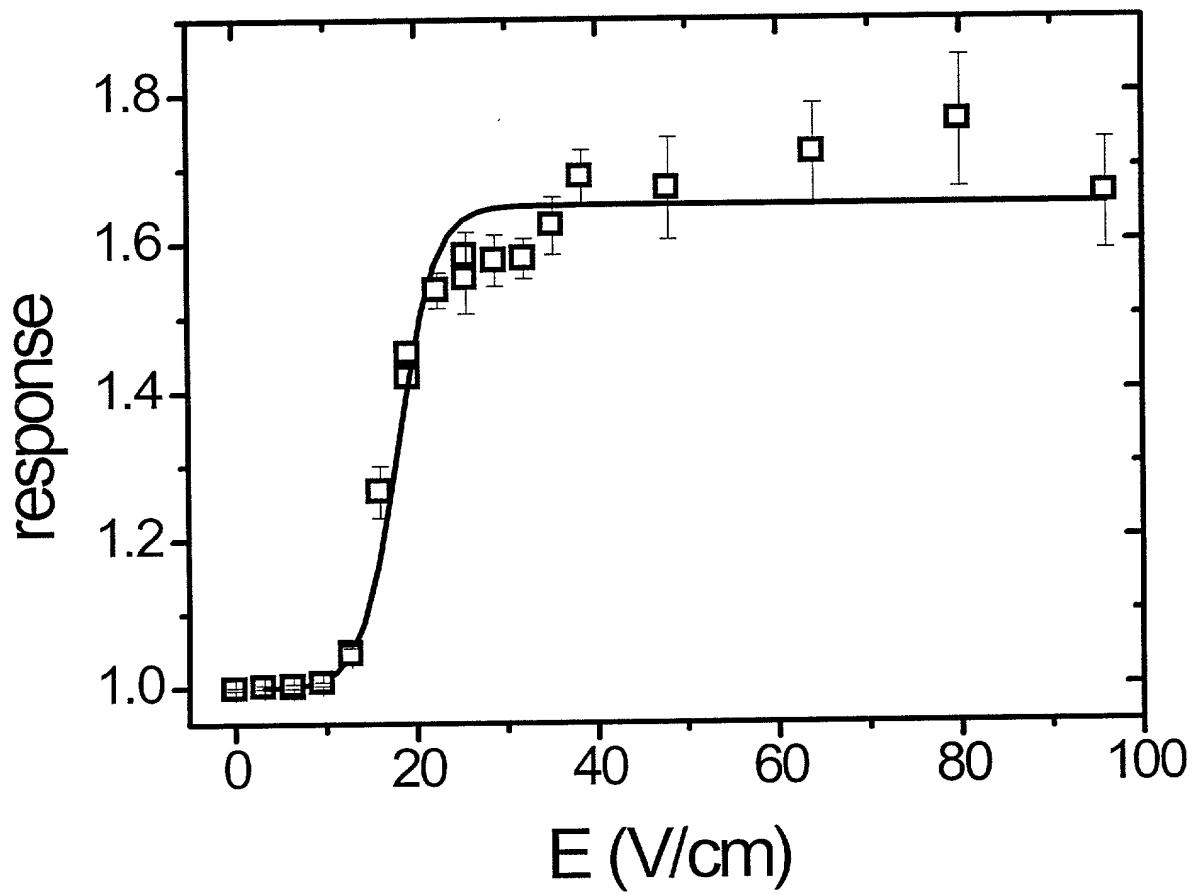
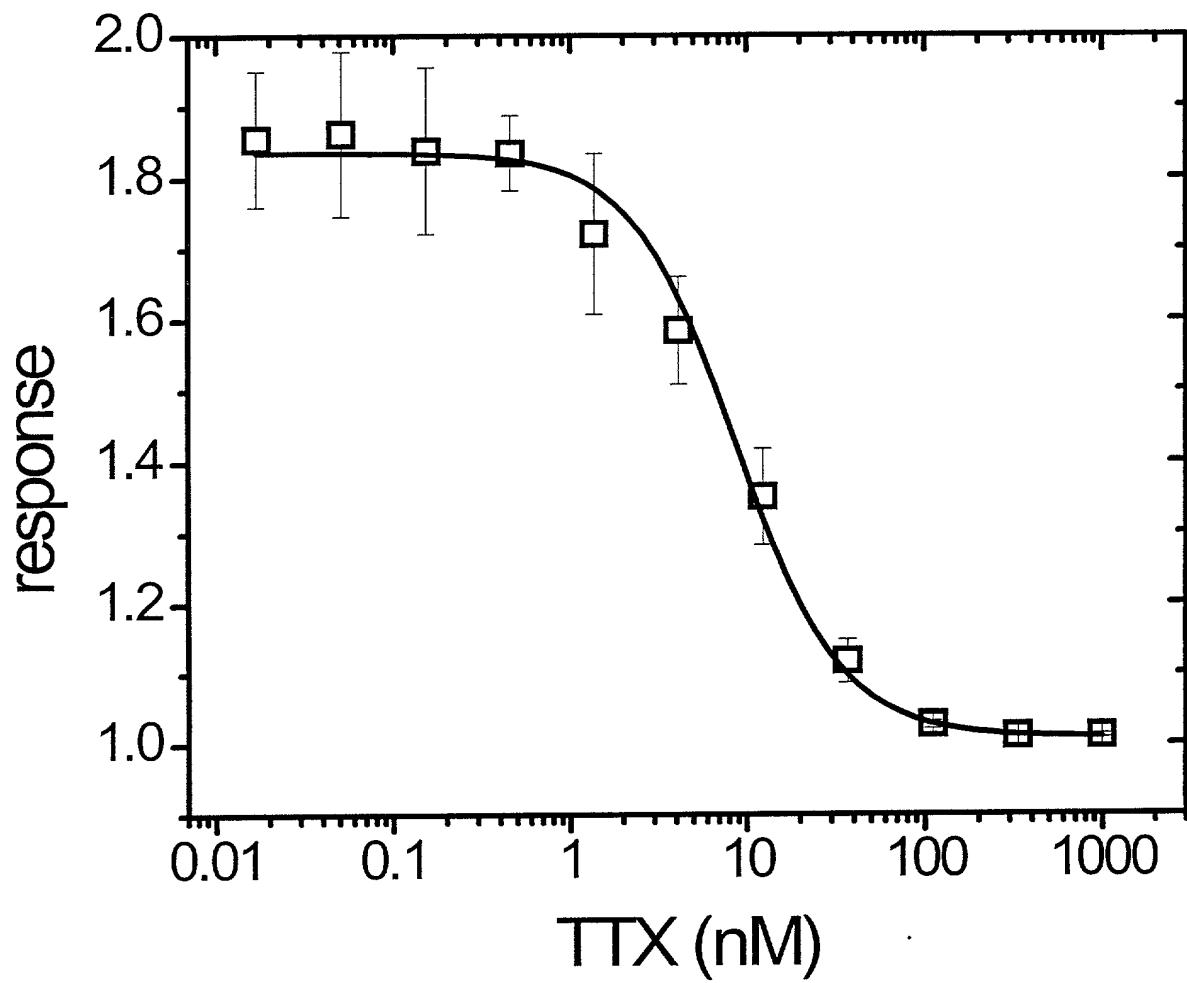
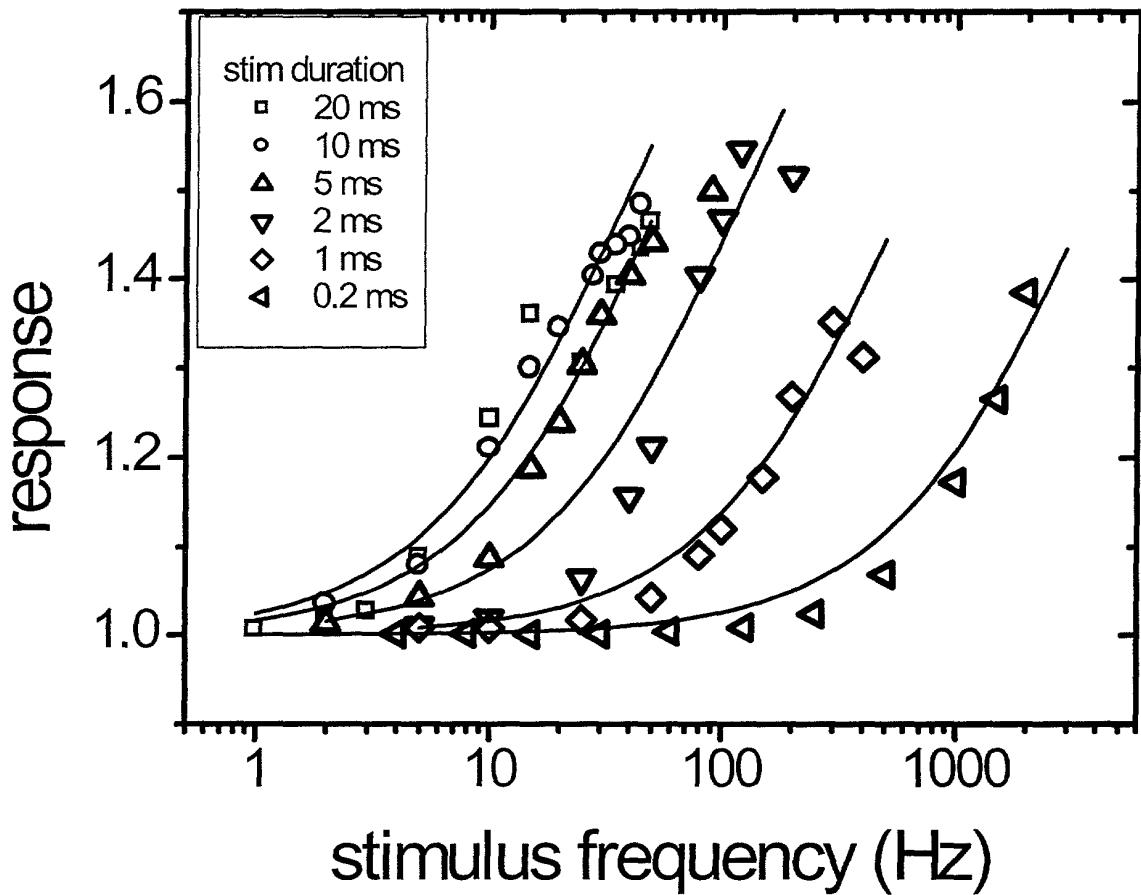


FIG. 11



**FIG. 12**



**FIG. 13**

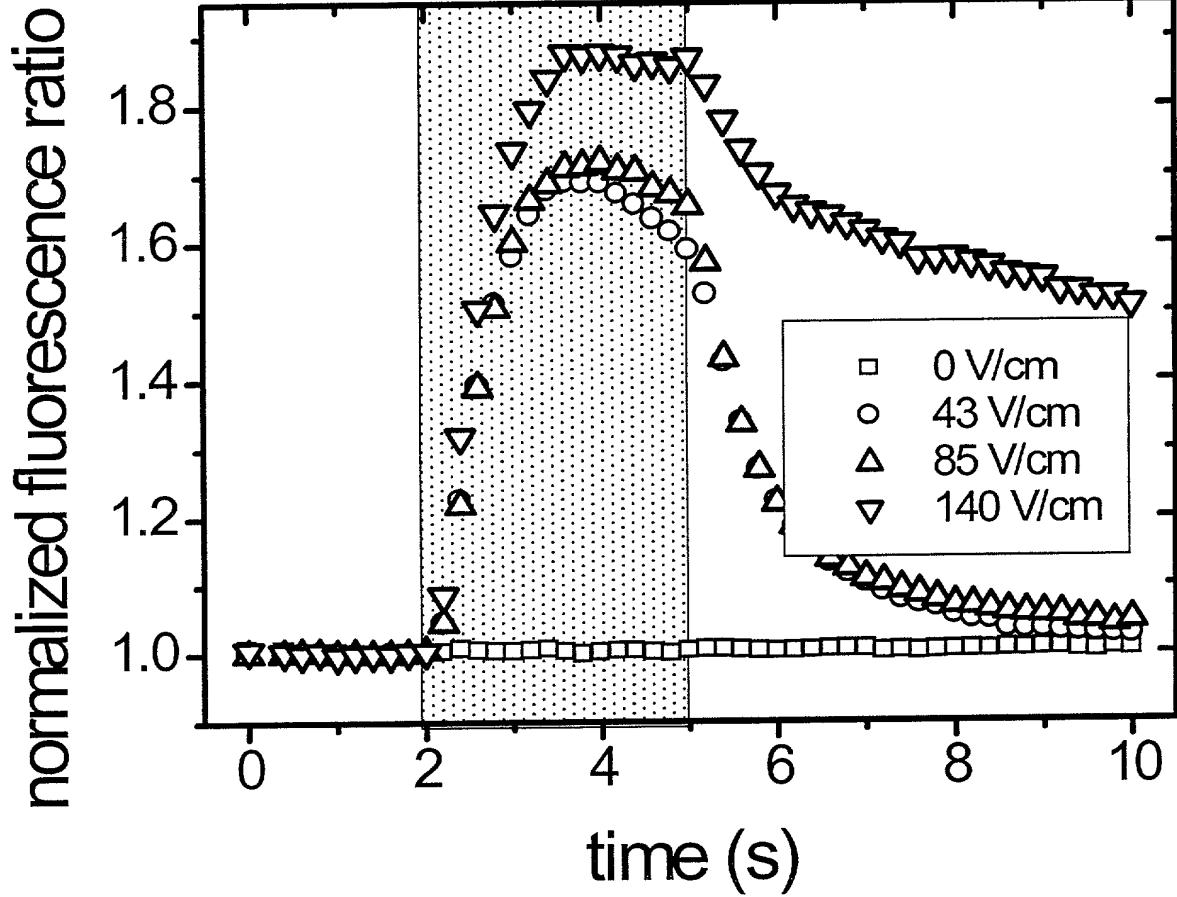


FIG. 14

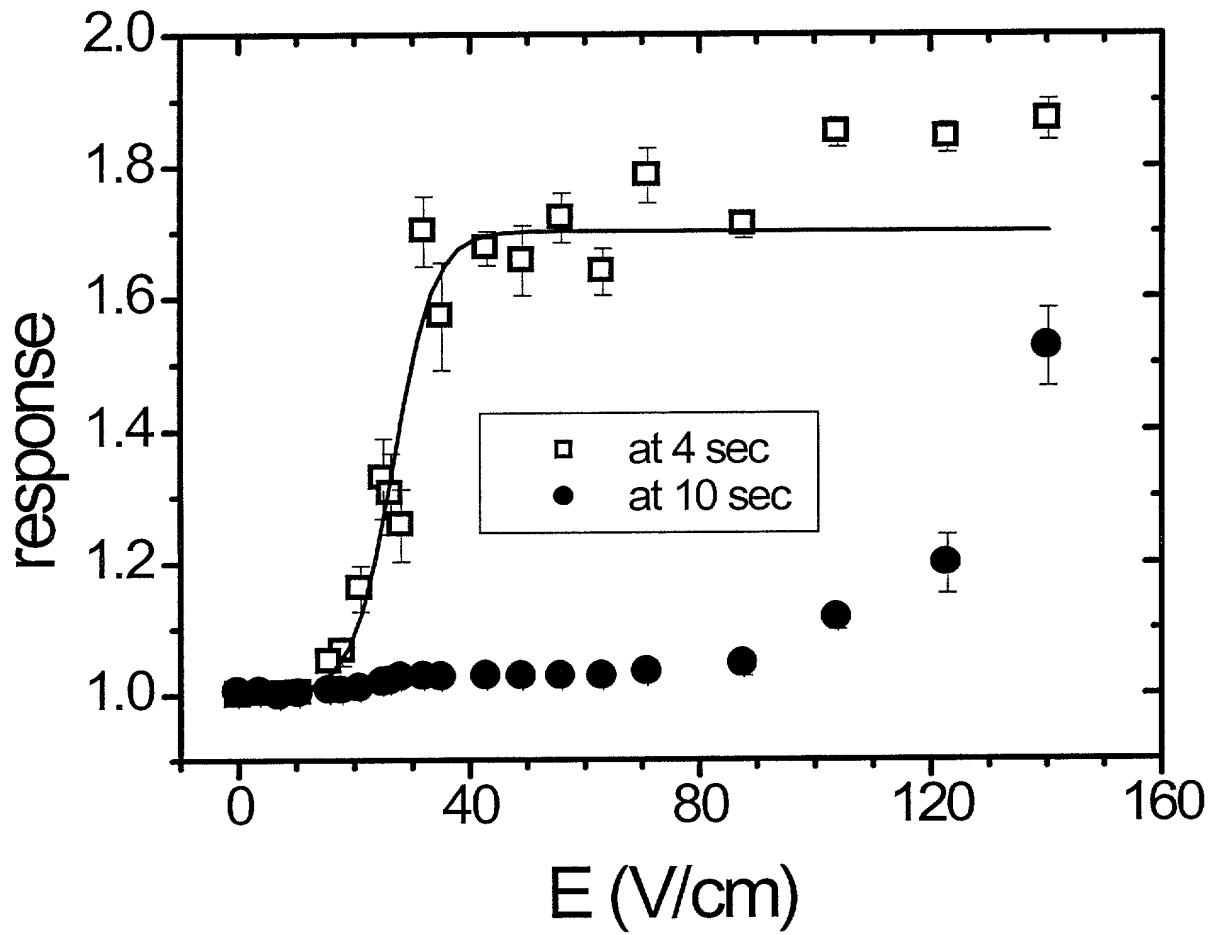


FIG. 15

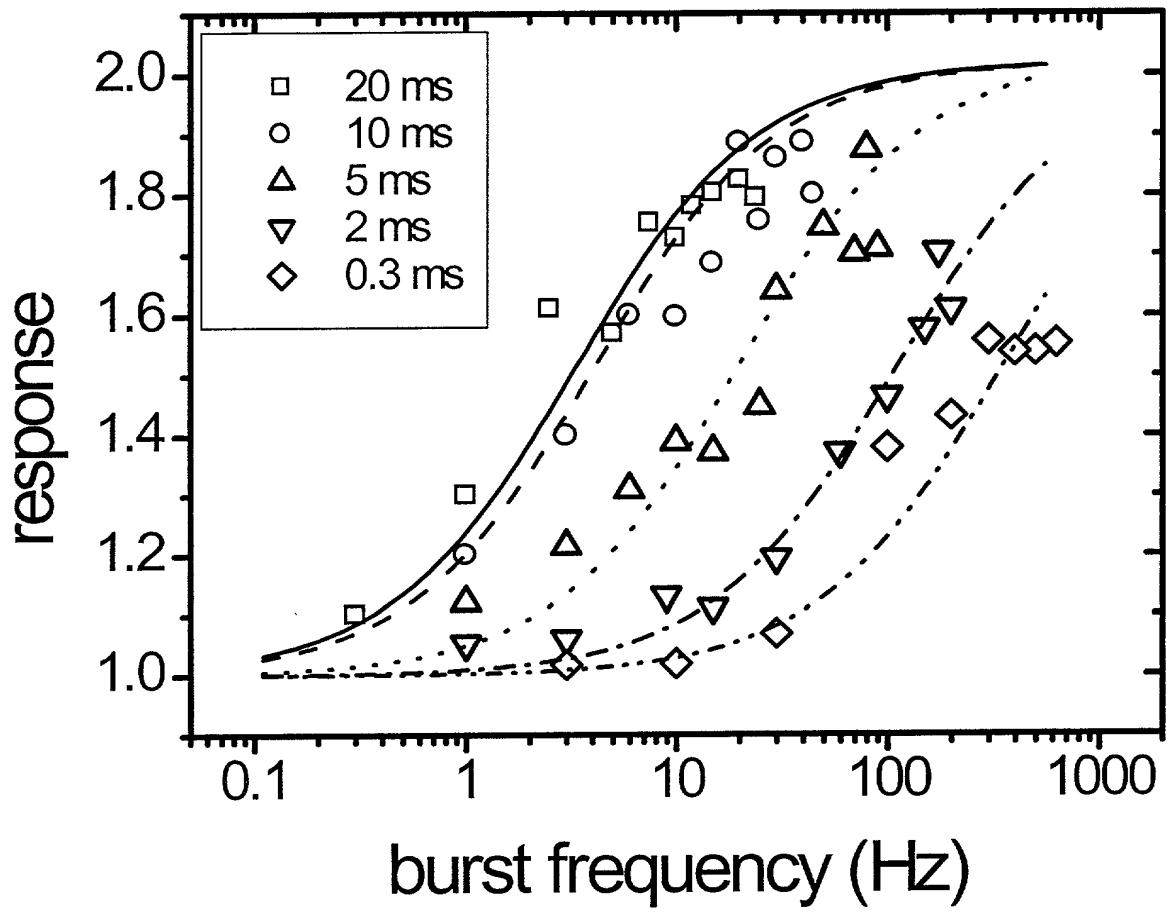


FIG. 16

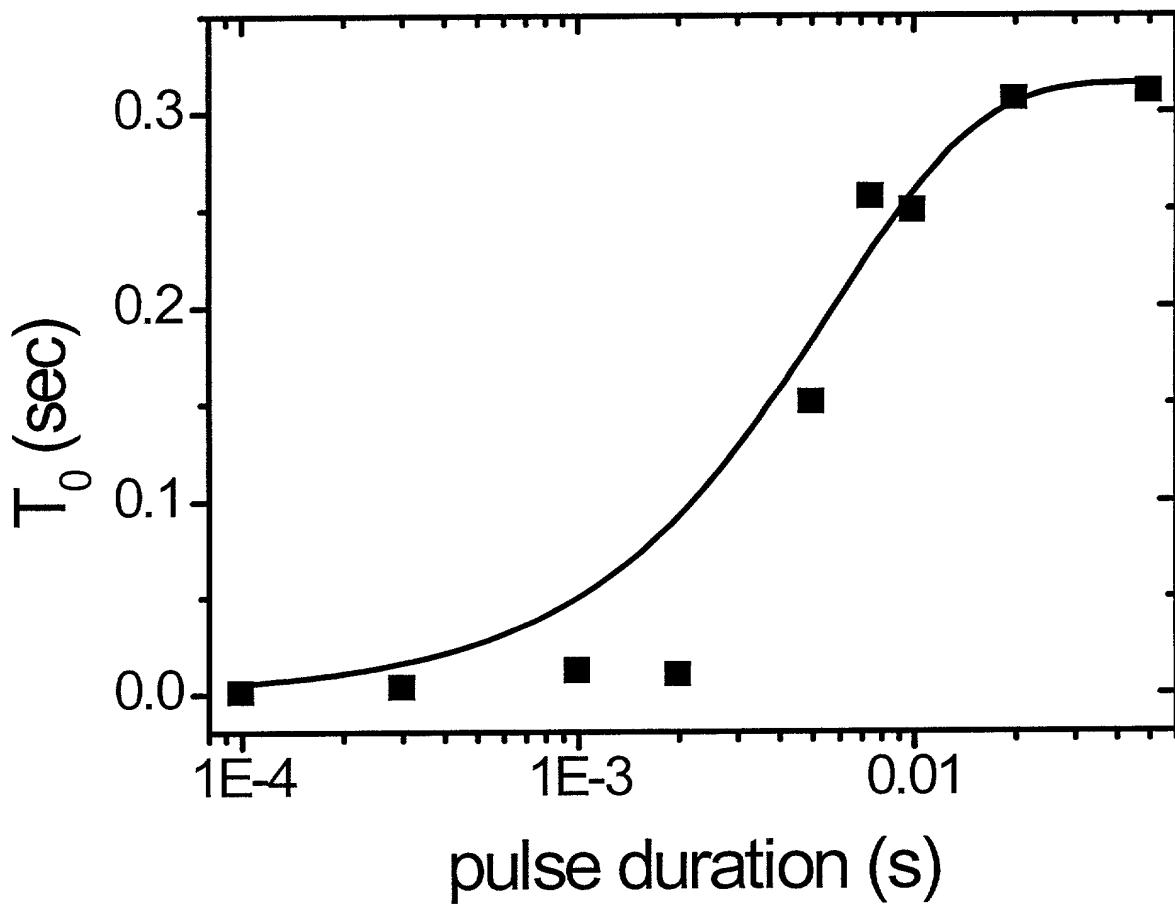
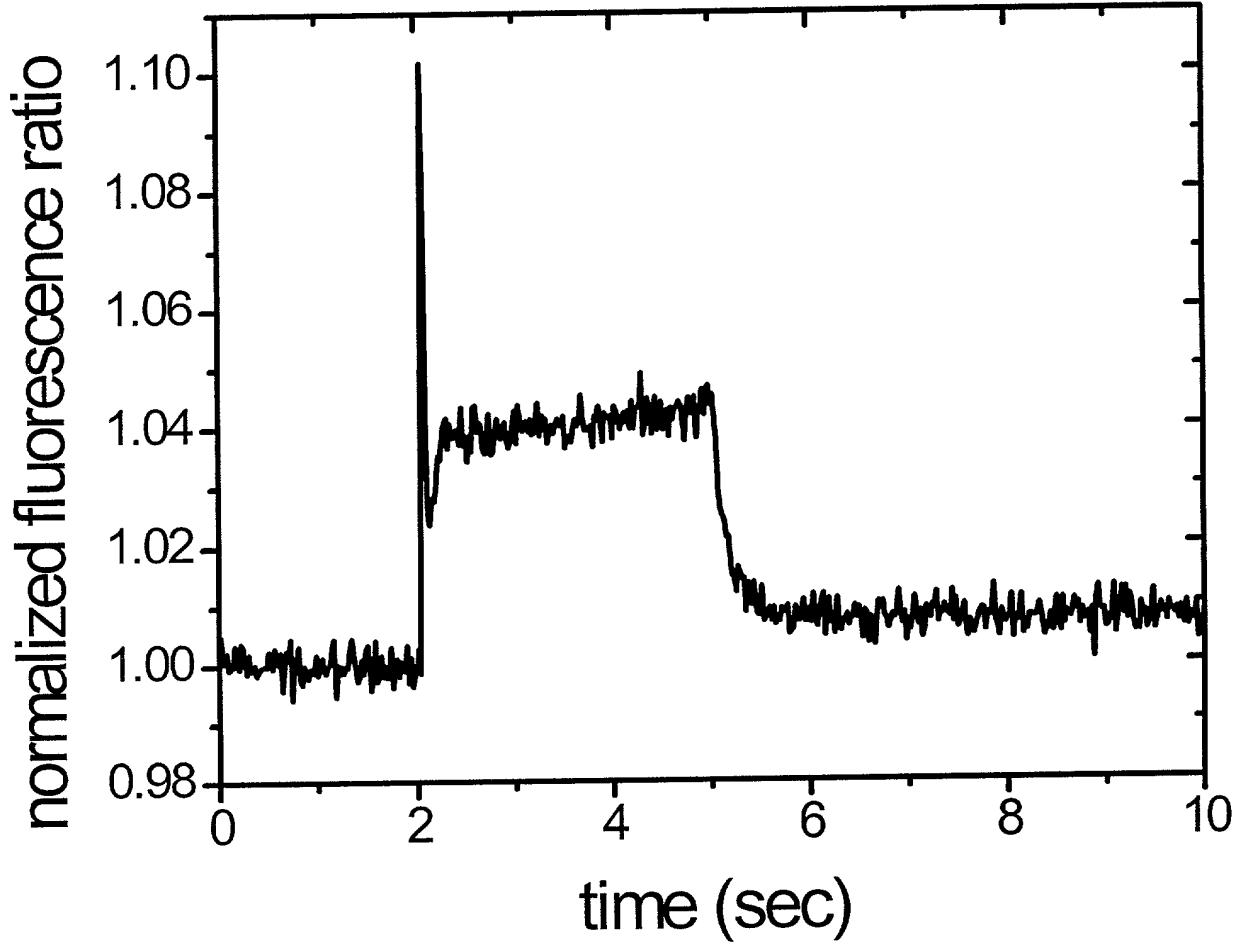
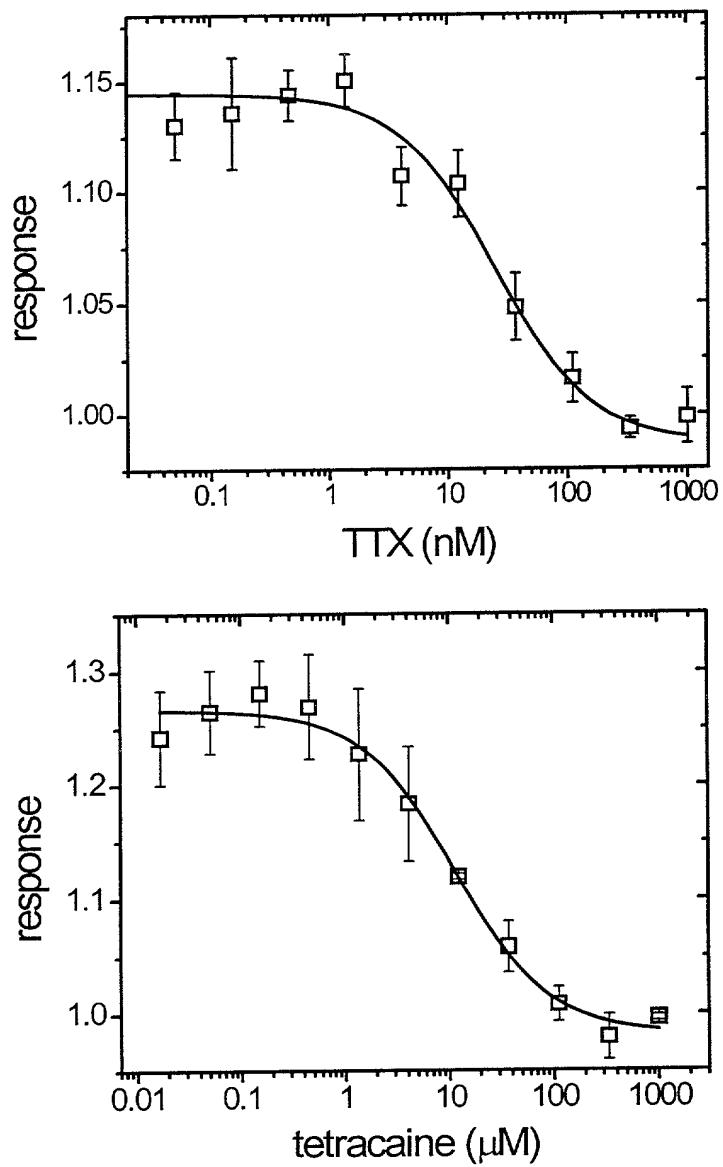


FIG. 17



**FIG. 18**



**FIG. 19**

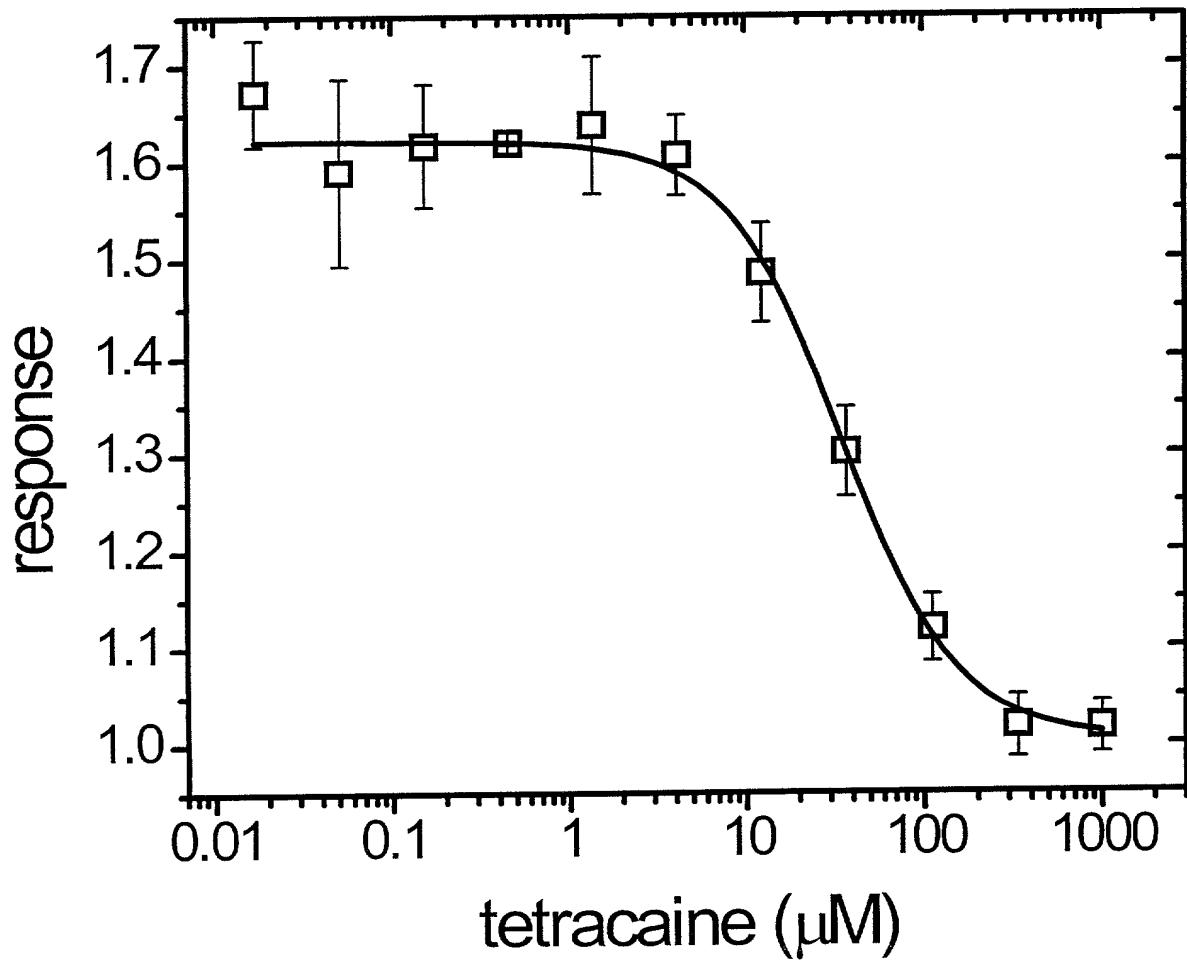
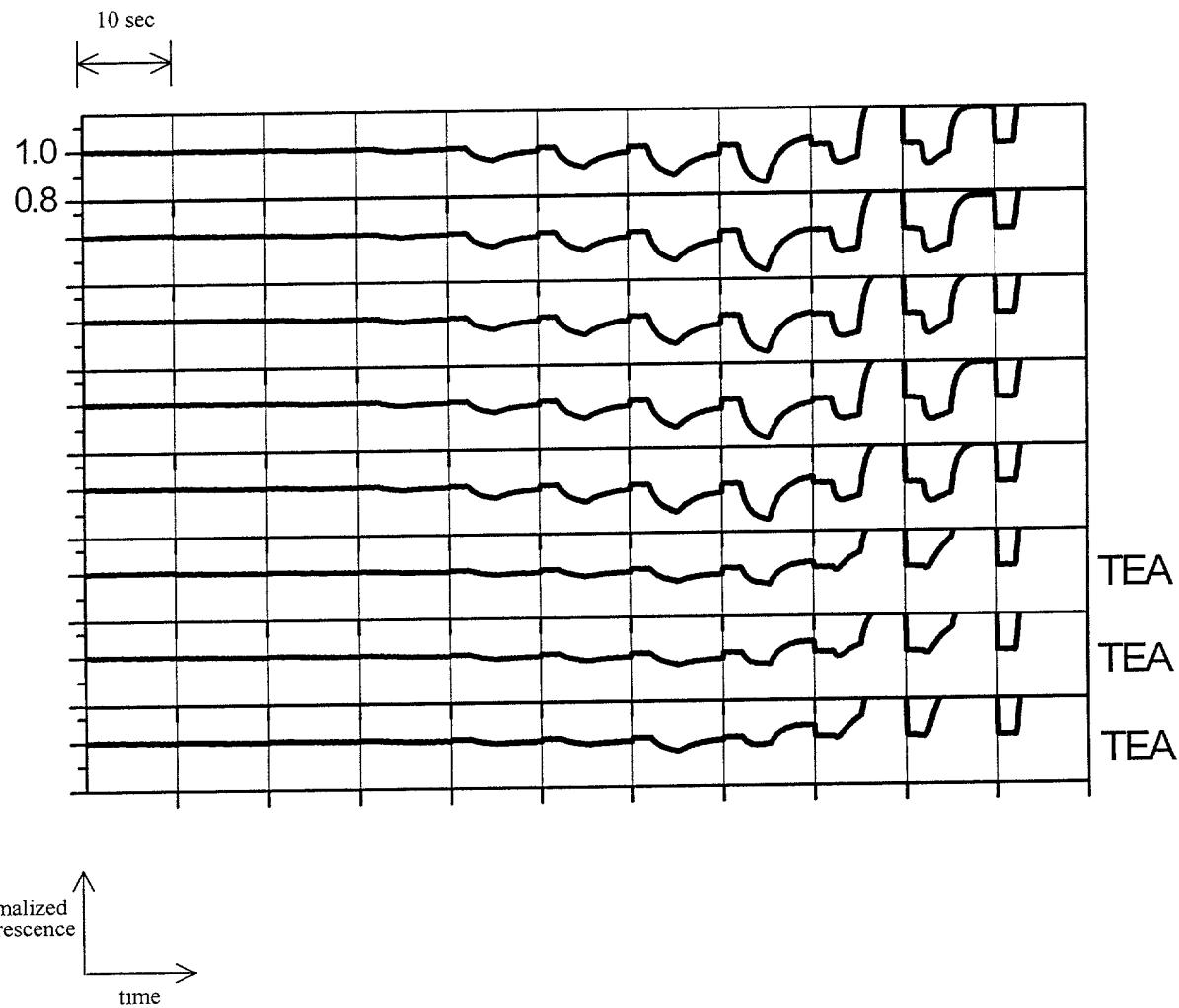
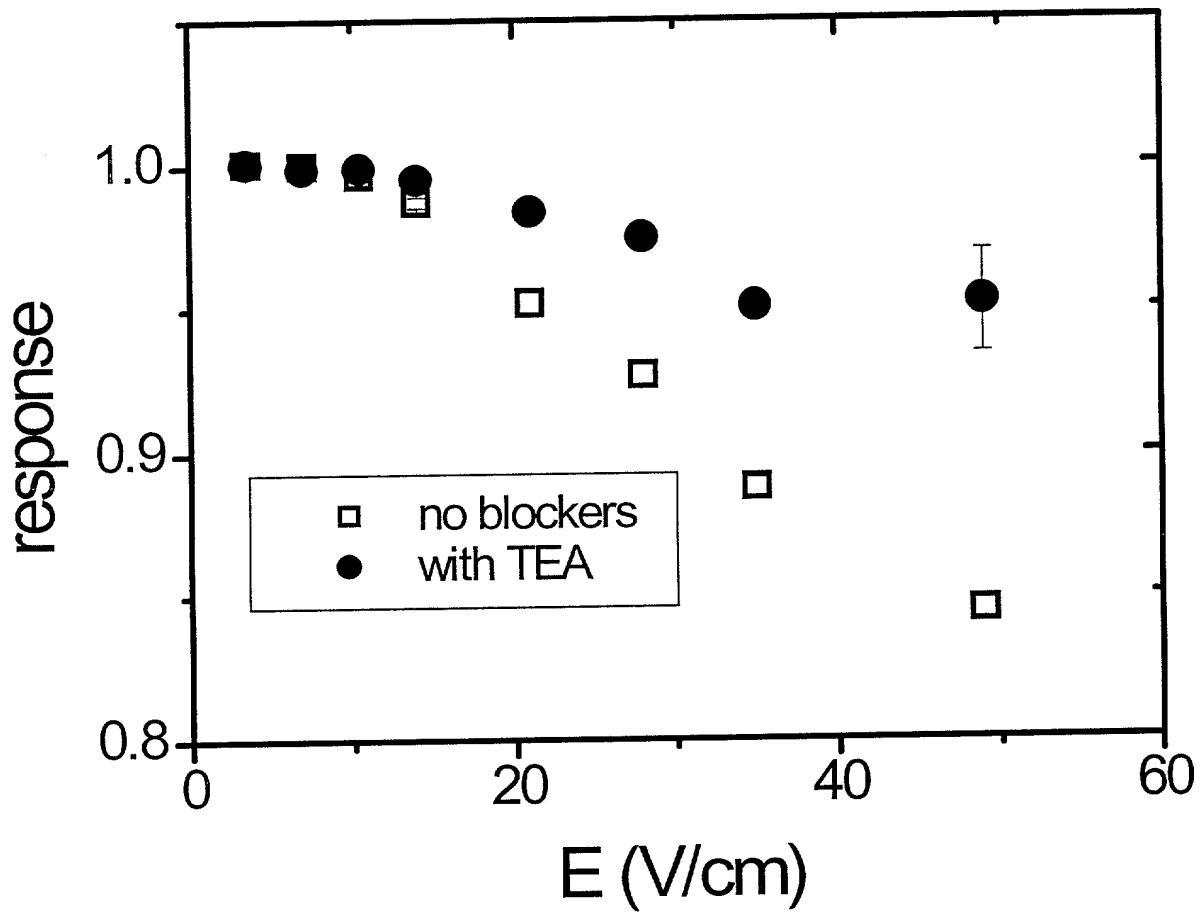


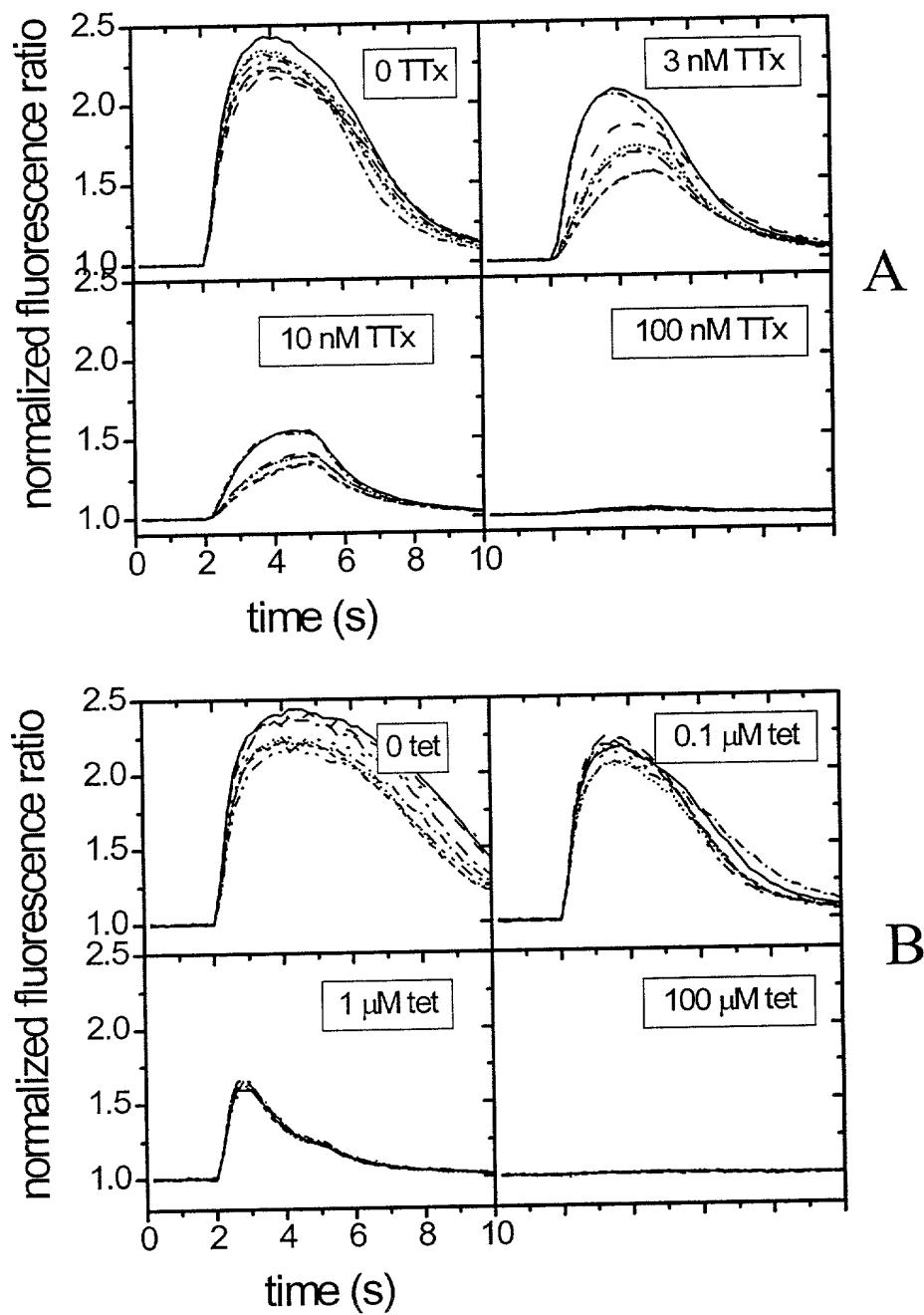
FIG. 20



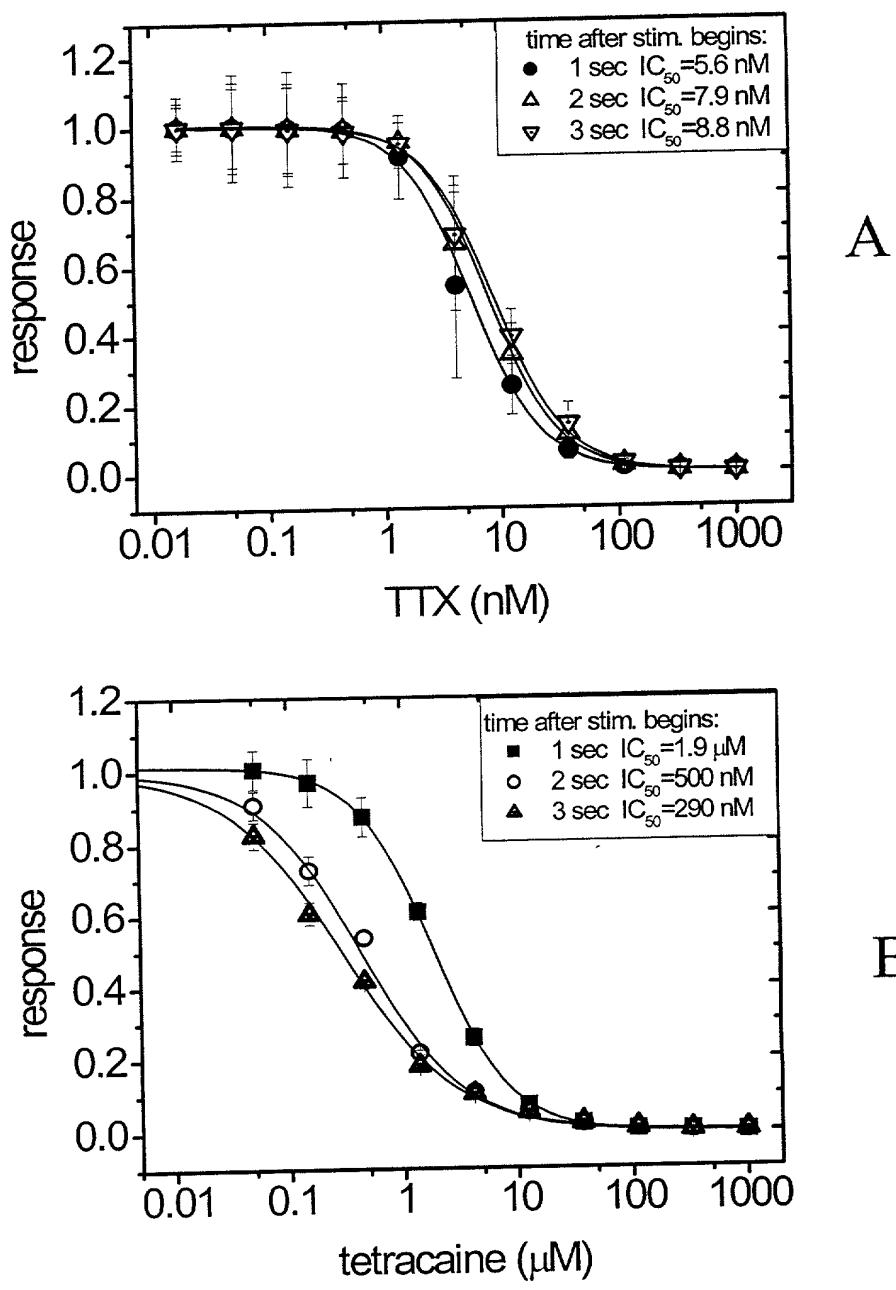
**FIG. 21**



**FIG. 22**

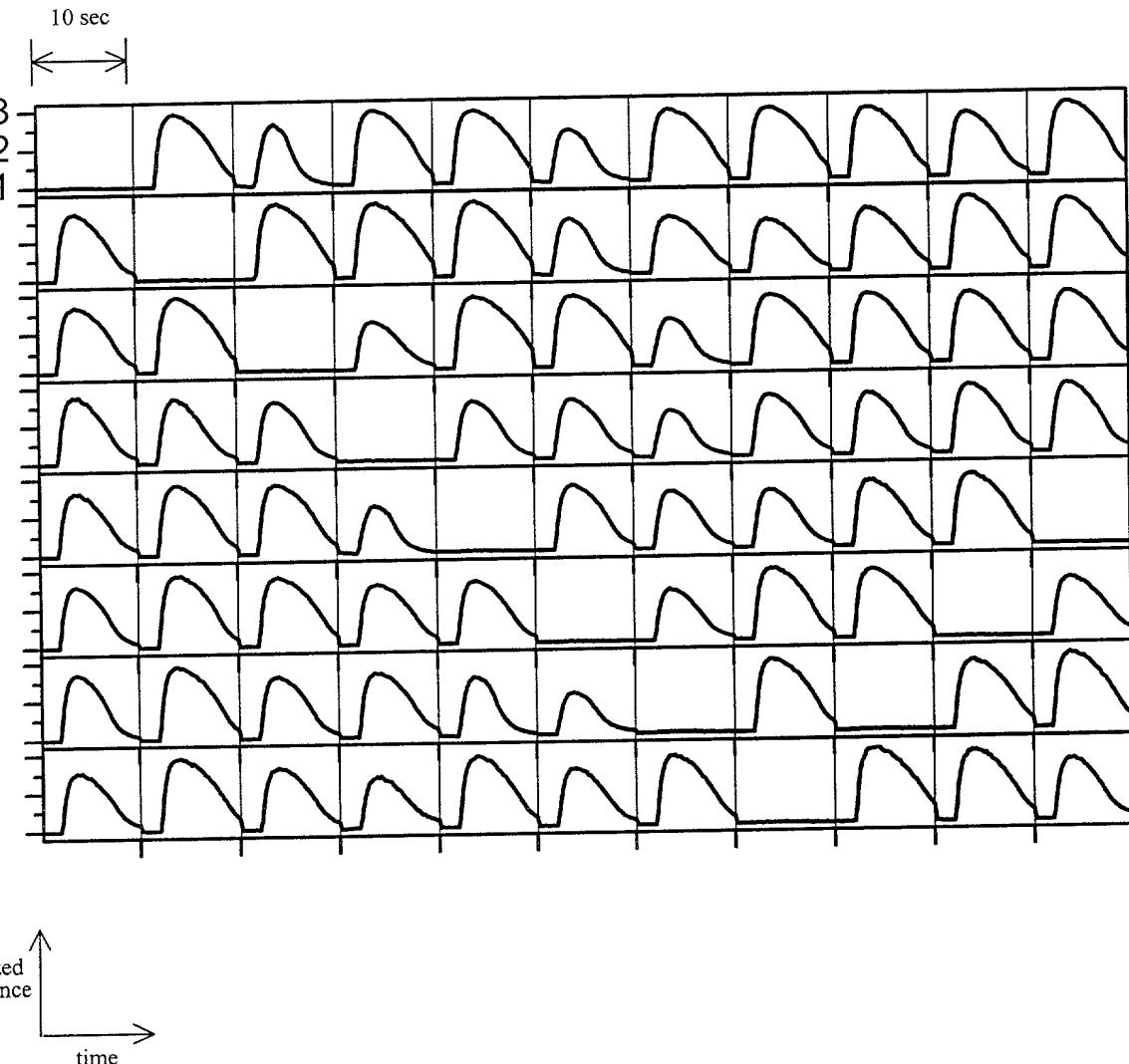


**FIG. 23**

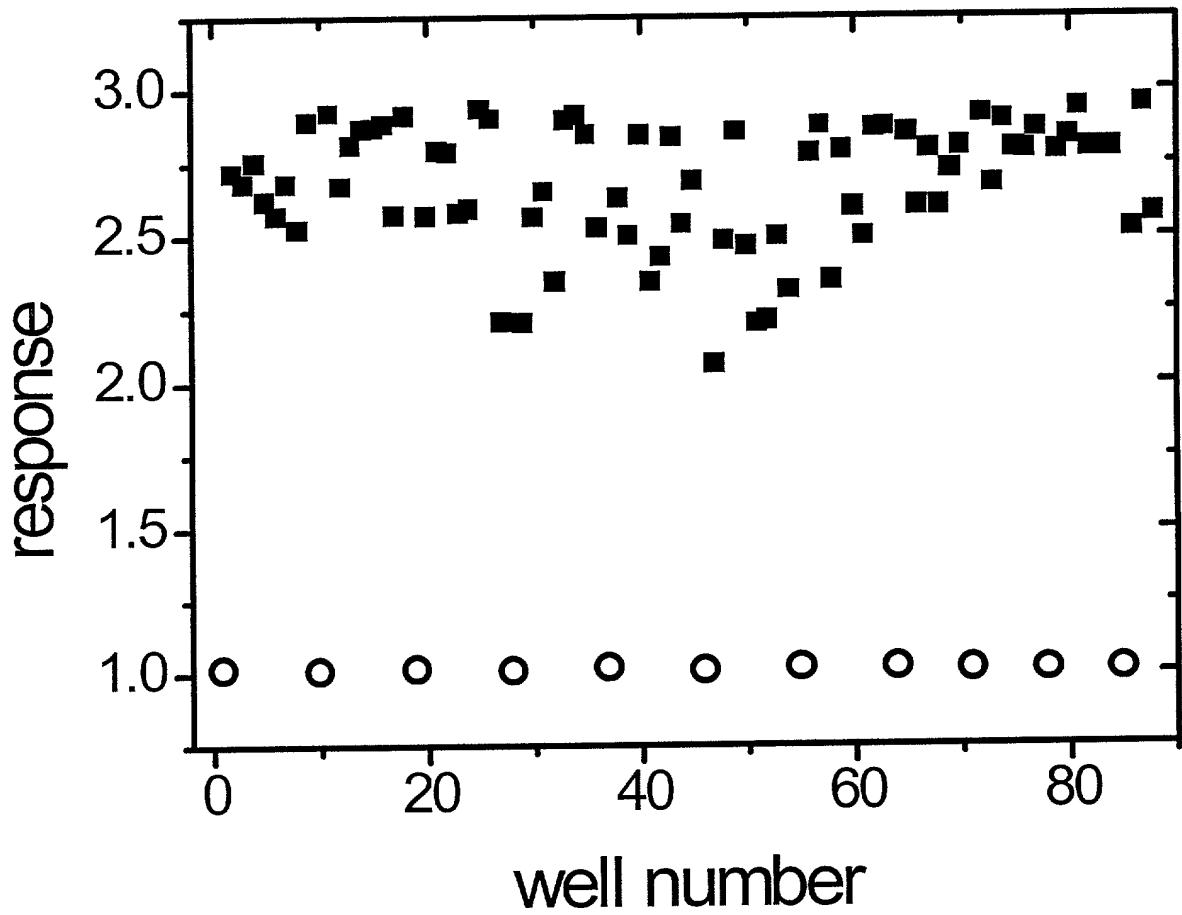


**FIG. 24**

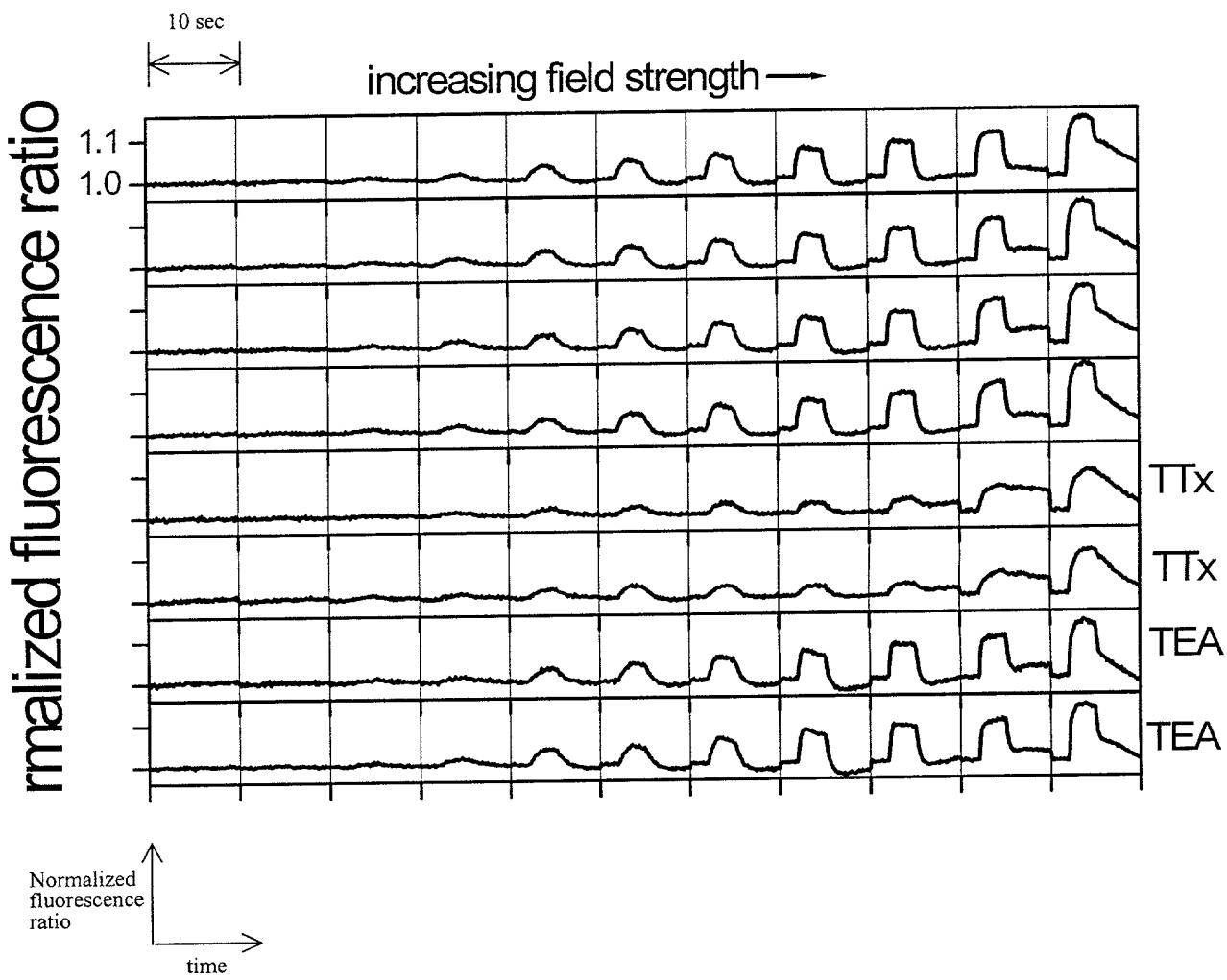
normalized fluorescence ratio



**FIG. 25**



**FIG. 26**



**FIG. 27**

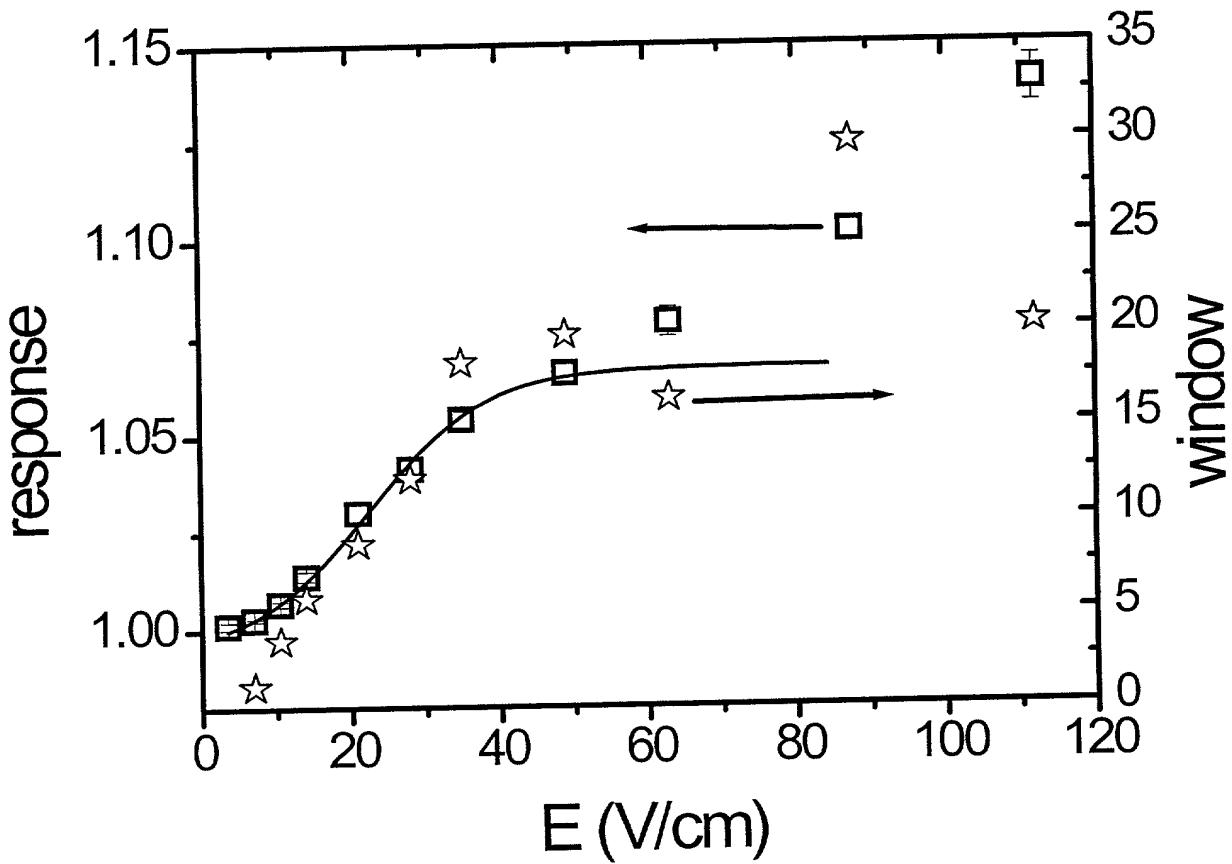
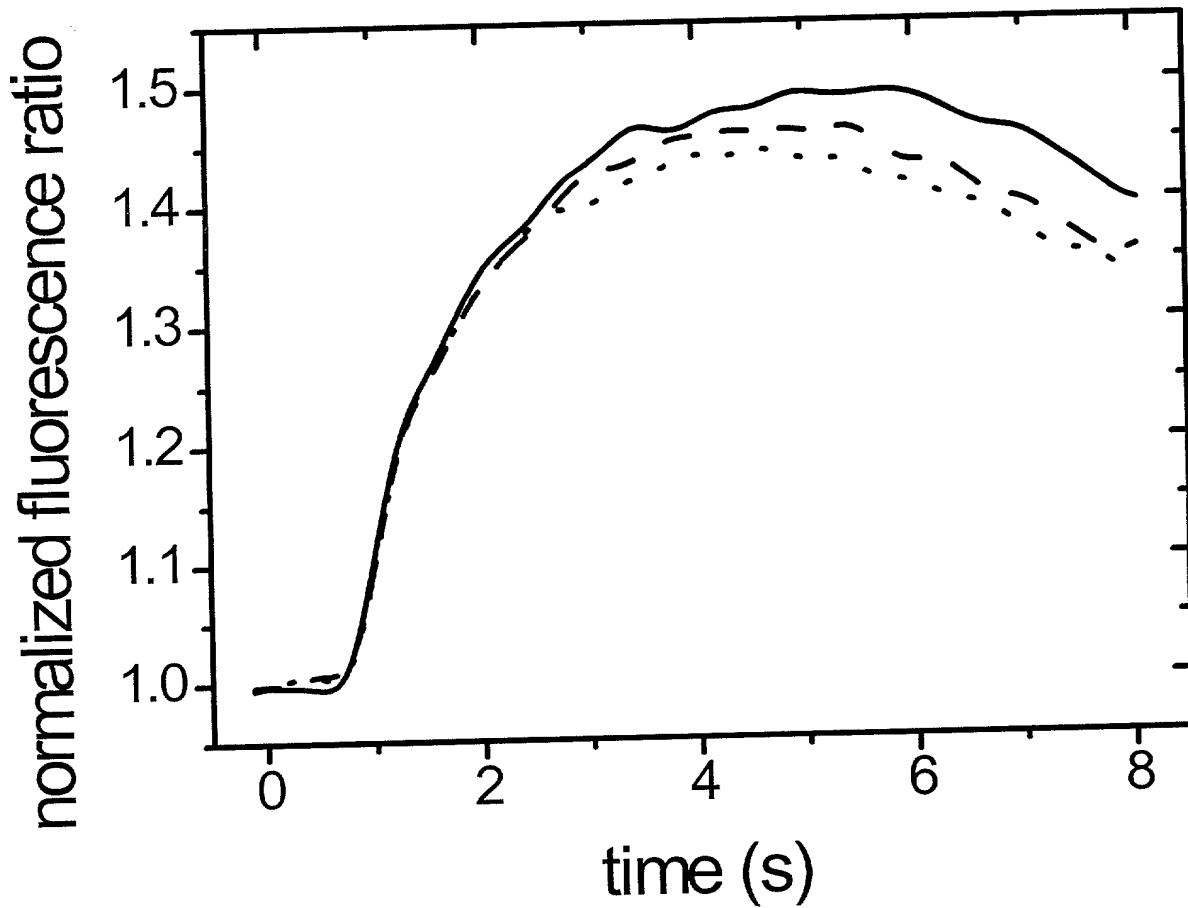


FIG. 28



**FIG. 29**

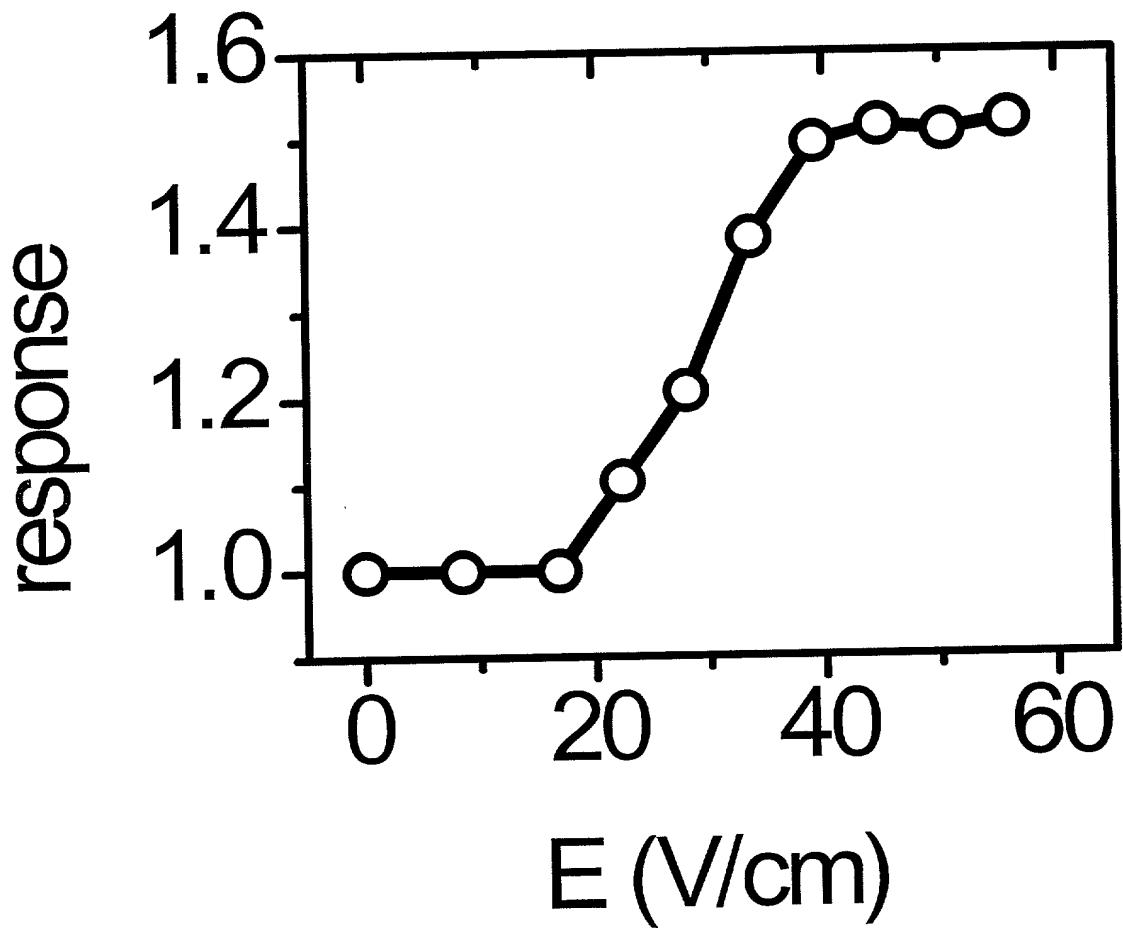


FIG. 30

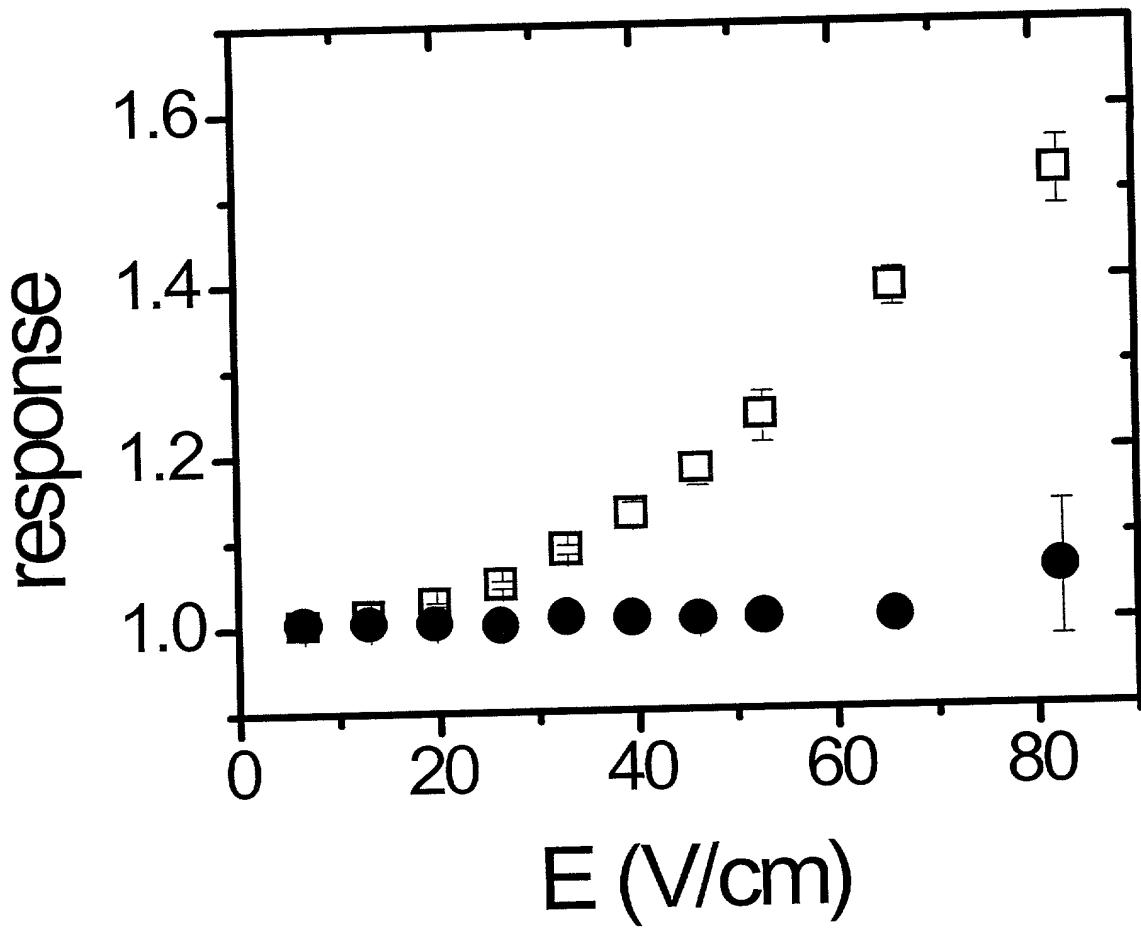


FIG. 31